

APPENDIX A

LEVEL OF SERVICE ANALYSIS PROCEDURES

APPENDIX A LEVEL OF SERVICE ANALYSIS PROCEDURES

INTRODUCTION

This appendix provides an overview of the techniques used for the evaluation of the CMP network level of service, the application of these procedures, and related database management tools. The CMP level of service results for 2001 are also presented in this appendix.

CMP LEVEL OF SERVICE ANALYSIS PROCEDURES AND RESULTS

The current technical guide for the evaluation of roadway level of service (LOS) is the 2000 Highway Capacity Manual (HCM). The 2000 HCM defines the level of service criteria for various roadway elements and provides computational methods for estimating LOS. The criteria used to evaluate LOS vary based on the type of roadway and whether the traffic flow is considered interrupted or uninterrupted. Interrupted flow analysis includes the evaluation of these items:

- Signalized intersections
- Urban and suburban arterials

Uninterrupted flow analysis includes the evaluation of these items:

- Freeways
- Rural and suburban multilane highways
- Rural two-lane highways

Each of these roadway types is contained within the San Bernardino County CMP network. The LOS analysis procedure used for each roadway type, data collection techniques, and assumptions made in determining the LOS are provided below in sufficient detail that the procedures can be replicated for future CMP updates. The Highway Capacity Manual should be consulted for additional details.

Signalized Intersections

The operational analysis procedures for signalized intersections contained in the 2000 HCM were applied to "key intersections" (see definition in the Glossary) on the CMP network. There are approximately 400 key intersections on the CMP network, of which approximately 200 are local and 220 are state-controlled. Of these, approximately 50% were analyzed for the 2001 CMP.

Traffic volume turning movement data were obtained from several sources: recent counts conducted by cities in San Bernardino County, counts documented in consultant reports, and original counts conducted for the CMP. New counts were conducted between the hours of 7 and 9 AM and 4 and 6 PM. Counts conducted for CMP analysis are generally expected to be conducted for a minimum of two hours, bracketing the peak-hour.

The capacity analysis was performed using various computer programs compatible with the Federal Highway Capacity Manual, assuming signal timing with minimum phase times of ten seconds and arrival type 3. This minimum phase

time includes the green time and change interval. This latter assumption was required because most signals are demand actuated and actual signal timing information was unavailable. Variations for some intersections (phasing, saturation flow rate, controller type, and cycle length) and special intersection and traffic characteristics were used based on input provided by the local jurisdictions. Saturation flow rates of 1,800 vehicles per hour of green (vphg) for each through lane, 1,800 vphg for each exclusive right-turn lane (recent analysis of saturation flow rates suggests that 1,600 vphg would be more appropriate for the future analysis of exclusive right-turn lanes), 1,700 vphg for one exclusive left-turn lane, and 3,200 vphg for two exclusive left-turn lanes were assumed. A two-second lost time per phase and 2-3 percent heavy vehicles are also used as defaults if field data are not available.

The above saturation flow rates are the adjusted (field) saturation flow rates, and in no case shall the ideal saturation flows be allowed to go lower than the specified adjusted saturation flows under normal conditions when field data is not available. However, there shall be no restriction on minimum saturation flow rates if actual saturation flow rates are available.

Both capacity and level of service must be fully considered to evaluate the overall operation of a signalized intersection. Capacity analysis results in the determination of V/C ratios for individual movements and also an average V/C for the entire intersection. Level of service is based on the average stopped delay per vehicle for all the movements within the intersection. For any given V/C ratio, a range of delay values may result, because the V/C ratio does not consider signal timing factors. For this reason both the V/C ratio and vehicle delay must be carefully examined.

Any V/C ratio of 1.0 or greater is an indication of actual or potential breakdown, representing little available capacity in the critical movements to

absorb demand increases, thereby requiring improvements in the overall geometrics and signal operations. Therefore, an intersection must be designated as F when the V/C of the critical movements is equal to or greater than 1.0.

The summary measure provided by use of the 2000 HCM procedures for signalized intersections is the LOS by intersection for the entire intersection. This information is provided in Table A-1 for the key intersections representing 2001 conditions.

Updates of the CMP analysis for signalized intersections should also be based on the most current operational analysis procedures presented in the HCM. Actual signal timing data, peak-hour volumes, and percent of trucks should be used when available.

Urban and Suburban Arterials

The 200 signalized intersections evaluated using the 2000 HCM procedures represent only a small portion of the total number of signalized intersections on the CMP network. Most of the remaining signals are located at intersections with lower functional class roadways. A procedure is available to evaluate the level of service on the roadway segments between key intersections which included the impact of intermediate traffic signals.

The basis of the recommended procedures for the analysis of urban and suburban arterials was the procedure described in the 2000 HCM Chapters 20 & 21. The application of these procedures was simplified based on a procedure originally adopted in 1986 for use by the Florida Department of Transportation (FDOT), and which has subsequently been updated to reflect more recent data and localized conditions. The original procedure is documented in the report Florida Highway System Plan, Level of Service Procedures and Guidelines Manual. Using the

procedures described in Chapters 20 & 21 of the 2000 HCM, this methodology presents threshold hourly volumes for estimating the peak-hour peak direction level of service as a function of roadway type, urban area population, and the number of traffic signals per mile. The procedure also provides the generalized assumptions used to establish the threshold volumes. This information is provided in Tables A-2 and A-3.

The roadway segments were defined as roadway segments between CMP intersections. In most cases segment length was scaled from street maps.

The number of signals on each segment was determined by reviewing the videotapes and by field review. The number of through-traffic lanes on each segment was taken from the RivSan (CMP) subregional traffic forecasting model, supplemented by field review.

Peak-hour traffic volume on the segments was determined based on the intersection data collected for CMP intersections in combination with segment volume data provided by local jurisdictions and Caltrans. The intersection exiting and entering volumes from the opposite ends of the segment were averaged to determine the directional segment volume. The highest directional volume was selected for both the AM and PM peak-hours to determine the level of service. The entire CMP network consists of approximately 400 arterial segments.

The summary measure generated by this analysis was the LOS by roadway segment for each of the urban and suburban arterials in the CMP network. This information is provided in Table A-4 for the CMP network representing the 1995 conditions for the peak-hour peak direction of travel.

Freeways

The 2000 HCM procedure for basic freeway segments was applied to the CMP freeway segments. However, these procedures were

modified for application of the CMP network based on the updated speed/flow curves and capacity information contained in the new materials for rural multilane highways.

The summary measure generated by this analysis was the LOS for basic freeway segments for the peak-hour as shown in Table A-5. This analysis ignores the effects of weaving sections and ramp junctions but provides a reasonable general level of service estimate. Peak-hour directional mainline volumes were determined between each interchange from Caltrans data. Any count data from prior years were factored to the current year. The following assumptions were made for freeways:

- Capacity of 2,200 passenger cars per hour per lane.
- Peak-hour factor of up to .98 used for urban freeways (due to high levels of congestion); .90 to .92 was used for less congested areas.
- 5% heavy vehicles (trucks, RV's, and buses).
- 4% annual growth factor, based on San Bernardino County data.
- Directional distribution of 55/45.
- Peak-hour volumes were taken from the Caltrans Traffic Volumes on California State Highways, and were used as the PM peak-hour. These volumes are bidirectional.
- AM peak-hour mainline volume was taken to be 90% of the PM peak-hour.
- Design speed of 70 mph.

Rural Multilane Highways

The LOS analysis for the CMP network rural multilane arterials was conducted using the materials for the new Chapter 21 of the HCM. Roadway segments were identified based on the traffic volume, grade, and roadway characteristics of each segment. Traffic volume and roadway segment data were available from Caltrans.

The results of the LOS analysis are summarized in Table A-6.

Rural Two-Lane Highways

The LOS analysis for rural two-lane highways was conducted using the procedures contained in Chapter 20 of the 2000 HCM. Roadway segments were defined based on the traffic volume and roadway characteristics. Peak-hour traffic volume was estimated for each roadway segment based on Caltrans data.

The results of the LOS analysis for rural two-lane segments are provided in Table A-6.

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR				PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS	
ADELANTO	ALL STATE HIGHWAYS/SEE CALTRANS											
APPLE VALLEY	APPLE VALLEY RD*	BEAR VALLEY RD*	APPLE VALLEY	2001	SIG	49	1.0 ⁺	F**	18	0.76	C	
				2000	SIG	21	0.73	C	24	0.86	C	
BARSTOW	EASTGATE/COOLWTR.	MAIN ST.*	BARSTOW	2001	SIG			NPH	12	0.51	B	
				2000	SIG			NPH	12	0.51	B	
	BARSTOW RD*	MAIN ST.*	BARSTOW	2001	SIG			NPH	7	0.60	B	
				2000	SIG			NPH	7	0.60	B	
	BARSTOW RD*	VIRGINIA WAY	BARSTOW	2001	SIG			NPH	16	0.67	C	
				2000	SIG			NPH	16	0.67	C	
	1ST	MAIN ST*	BARSTOW	2001	SIG			NPH	18	0.53	C	
				2000	SIG			NPH	18	0.53	C	
	BARSTOW RD*	MOUNTAIN VIEW	BARSTOW	2001	SIG			NPH	13	0.46	B	
				2000	SIG			NPH	13	0.46	B	
BIG BEAR	ALL STATE HIGHWAYS/	SEE CALTRANS										
CALTRANS Note: Monitoring by Others	ALABAMA	I-10 (EB)*	REDLANDS	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	ALABAMA*	I-10 (WB)*	REDLANDS	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	ALDER*	FOOTHILL (SR-66)*	FONTANA	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	AMARGOSA	PALMDALE (SR-18)*	VICTORVILLE	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	APPLE VALLEY RD*	SR-18*	APPLE VALLEY	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	APPLE VALLEY INN RD.	SR-18	APPLE VALLEY	2001	SIG						DNS	
				2000	SIG			DNS	5	0.49	C	
	ARCHIBALD*	19TH ST (SR-30)*	R. CUCAMONGA	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	ARCHIBALD*	FOOTHILL (SR-66)*	R. CUCAMONGA	2001	SIG	100 ⁺	1.09	F	1.09	1.22	F	
				2000	SIG			DNS			DNS	
	ARCHIBALD*	I-10 (EB)*	ONTARIO	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	
	ARCHIBALD*	I-10 (WB)*	ONTARIO	2001	SIG			DNS			DNS	
				2000	SIG			DNS			DNS	

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	ARCHIBALD*	SR-60 (EB)*	ONTARIO	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	ARCHIBALD*	SR-60 (WB)*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	BARSTOW RD(SR-247)*	I-15 (EB)*	BARSTOW	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	BARSTOW RD(SR-247)*	I-15 (WB)*	BARSTOW	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	BARSTOW RD(SR-247)*	MAIN*	BARSTOW	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	BENSON	16TH ST. (SR-30)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	BENSON	FOOTHILL (SR-66)	UPLAND/S. B. CO.	2001	SIG	3.5	0.96	D	3.5	0.93	D
				2000	SIG	3.5	0.96	D	3.5	0.93	D
	I-210*	3RD ST.	HIGHLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-210*	BASE LINE	HIGHLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-210*	HIGHLAND	HIGHLAND	2001	SIG			DNS	18	0.84	C
				2000	SIG			DNS			DNS
	BRYANT*	MILL CRK RD (SR-38)*	YUCAIPA	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	CALIFORNIA*	I-10 (EB)*	REDLANDS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	CALIFORNIA*	I-10 (WB)*	REDLANDS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	CAMPUS	FOOTHILL (SR-66)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	CARNELIAN	19TH ST*(SR-30)	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	CEDAR (AYALA)	HIGHLAND (SR-30)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	CEDAR*	FOOTHILL (SR-66)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	CEDAR*	I-10 (EB)*	BLOOMINGTON	2001	SIG	40.0	0.84	E	48.8	1.10	F**
Note: Monitoring by Others				2000	SIG	40.0	0.84	E	48.8	1.10	F**
CEDAR*	I-10 (WB)*	BLOOMINGTON	2001	SIG	50.4	0.96	E	34.5	1.24	F**	
			2000	SIG	50.4	0.96	E	34.5	1.24	F**	
CENTRAL*	FOOTHILL (SR-66)*	UPLAND/SB COUNTY	2001	SIG	5.6	0.73	E	62	0.95	F	
			2000	SIG	5.6	0.73	E	62	0.95	F	
CENTRAL*	I-10 (EB)*	MONTCLAIR	2001	SIG	9.9	0.57	B	12.5	0.81	B	
			2000	SIG	9.9	0.57	B	12.5	0.81	B	
CENTRAL*	I-10 (WB)*	MONTCLAIR	2001	SIG	12.4	0.46	B	12.3	0.78	B	
			2000	SIG	12.4	0.46	B	12.3	0.78	B	
CENTRAL*	SR-60 (EB)*	CHINO	2001	SIG	11.4	0.73	B	35.8	1.06	F''	
			2000	SIG	11.4	0.73	B	35.8	1.06	F''	
CENTRAL*	SR-60 (WB)*	CHINO	2001	SIG	13.9	0.62	B	24.4	0.93	C	
			2000	SIG	13.9	0.62	B	24.4	0.93	C	
CHERRY*	FOOTHILL (SR-66)*	FONTANA	2001	SIG			DNS			DNS	
			2000	SIG			DNS			DNS	
CHERRY*	HIGHLAND (SR-30)*	FONTANA	2001	SIG			DNS			DNS	
			2000	SIG			DNS			DNS	
CHERRY*	I-10 (EB)*	FONTANA	2001	SIG	83	0.93	F	147	1.18	F	
			2000	SIG	83	0.93	F	147	1.18	F	
CHERRY*	I-10 (WB)*	FONTANA	2001	SIG	37	0.91	DNS	19	0.76	C	
			2000	SIG	37	0.91	DNS	19	0.76	C	
CHINO HILLS PKWY	CARBON CN (SR142)*	CHINO HILLS	2001	SIG			DNS			DNS	
			2000	SIG			DNS			DNS	
CITRUS*	FOOTHILL (SR-66)*	FONTANA	2001	SIG			DNS			DNS	
			2000	SIG			DNS			DNS	
CITRUS*	HIGHLAND (SR-30)*	FONTANA	2001	SIG			DNS			DNS	
			2000	SIG			DNS			DNS	
CITRUS*	I-10 (EB)	SB COUNTY	2001	SIG	17.5	0.85	C	61	1.11	F	
			2000	SIG	17.5	0.85	C	61	1.11	F	
CITRUS*	I-10 (WB)	SB COUNTY	2001	SIG	16.9	0.83	C	59.6	0.81	E	
			2000	SIG	16.9	0.83	C	59.6	0.81	E	
D ST (SR-18)*	7TH ST	VICTORVILLE	2001	SIG			DNS			DNS	
			2000	SIG			DNS			DNS	

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd Note: Monitoring by Others	DEL ROSA DR*	SR-30 (EB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	DEL ROSA DR*	SR-30 (WB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	E STREET*	SR-259 (EB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	ETIWANDA	FOOTHILL (SR-66)*	R. CUCAMONGA	2001	SIG	17.5	0.43	C	20	0.60	C
				2000	SIG	17.5	0.43	C	20	0.60	C
	ETIWANDA*	I-10 (EB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	ETIWANDA*	I-10 (WB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	EUCLID (SR-83)*	16TH ST*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	19TH ST*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	4TH ST	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	7TH ST	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	ARROW HWY	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	EDISON*	CHINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	FOOTHILL (SR-66)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	HOLT*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	I-10 (EB)*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	I-10 (WB)*	UPLAND	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	EUCLID (SR-83)*	MISSION*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	RIVERSIDE*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	EUCLID (SR-83)*	SR-60 (EB)*	ONTARIO	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	SR-60 (WB)*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	SR-71*	COUNTY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	EUCLID (SR-83)*	WALNUT*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	FT IRWIN RD*	SR-58 (NORTH)*	BARSTOW	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	FT IRWIN RD*	SR-58 (SOUTH)*	BARSTOW	2001	4W STOP			DNS			DNS
				2000	4W STOP			DNS			DNS
	GARNET (GRNNSPOT RD)*	SR-38 (MILL CRK RD)*	COUNTY	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	GREENWAY DR (N)*	SR-38 (NORTH)	BIG BEAR CITY	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	GREENWAY DR (S)*	SR-18 (SOUTH)	BIG BEAR CITY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	GROVE	FOOTHILL (SR-66)*	R. CUCAMONGA/UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	GROVE	SR-60 (EB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	GROVE	SR-60 (WB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	H ST.*	5TH ST. (SR-66)*	SAN BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	HAVEN*	19TH ST (SR-30)*	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	HAVEN*	FOOTHILL (SR-66)*	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	HAVEN*	HIGHLAND (SR-30)*	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	HAVEN*	I-10 (EB)*	ONTARIO	2001	3W STOP			DNS			DNS
				2000	3W STOP			DNS			DNS
	HAVEN*	I-10 (WB)*	ONTARIO	2001	3W STOP			DNS			DNS
				2000	3W STOP			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	HESPERIA*	D ST (SR-18)*	VICTORVILLE	2001	SIG				DNS		DNS
Note: Monitoring by Others				2000	SIG				DNS		DNS
	I-10*	4TH (S.BERDINO)(EB)*	ONTARIO	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-10*	4TH (S.BERDINO)(WB)*	ONTARIO	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-10*	AVE F (WB)*	YUCAIPA	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-10*	CITRUS(BRKSIDE)(EB)*	REDLANDS	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-10*	CITRUS(BRKSIDE)(WB)*	REDLANDS	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-10*	COUNTY LINE (EB)*	YUCAIPA	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-10*	COUNTY LINE (WB)*	YUCAIPA	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-10*	LIVE OAK CYN (EB)*	YUCAIPA	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-10*	YUCAIPA (EB)*	YUCAIPA	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-10*	YUCAIPA (WB)*	YUCAIPA	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-15*	4TH (S.BERDINO)(NB)*	ONTARIO	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-15*	4TH (S.BERDINO)(SB)*	ONTARIO	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-15*	BASE LINE (NB)*	R. CUCAMONGA	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-15*	BASE LINE (SB)*	R. CUCAMONGA	2001	1W STOP				DNS		DNS
				2000	1W STOP				DNS		DNS
	I-15*	BEAR VALLEY (NB)*	VICTORVILLE	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS
	I-15*	BEAR VALLEY (SB)*	VICTORVILLE	2001	SIG				DNS		DNS
				2000	SIG				DNS		DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	I-15*	E. MAIN (EB)*	BARSTOW	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	I-15*	E. MAIN (WB)*	BARSTOW	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-15*	FOOTHILL (SR-66)(NB)*	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-15*	FOOTHILL (SR-66)(SB)*	R. CUCAMONGA	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	JURUPA (NB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	JURUPA (SB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	MAIN (NB)*	HESPERIA	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	MAIN (SB)*	HESPERIA	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	MARIPOSA	VICTORVILLE	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	PALMDALE (SR-18)(SB)*	VICTORVILLE	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	SR-18 (NB)*	VICTORVILLE	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	SR-18 (SB)*	VICTORVILLE	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-15*	SR-58*	BARSTOW	2001	UNSIG			DNS			DNS
				2000	UNSIG			DNS			DNS
	I-215*	2ND ST (NB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215 (I-ST)*	3RD ST (SB)	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	5TH (SR-66) (@ 6TH)(NB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	5TH (SR-66) (@ 6TH)(SB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	BARTON (NB)*	GRAND TERRACE	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	I-215*	BARTON (SB)*	GRAND TERRACE	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	I-215*	DEVORE RD (NB)*	COUNTY	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	DEVORE/CAJON (SB)*	COUNTY	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	INLAND CNTR DR(NB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	INLAND CNTR DR(SB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	LA CADENA (NB)*	COLTON	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	LA CADENA (SB)*	COLTON	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	MILL (NB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	MILL (SB)*	S. BERNARDINO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	MTVRN/27(NB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	MTVRN/27(SB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	ORANGE SHOW RD (NB)*	S. BERNARDINO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	ORANGE SHOW RD (SB)*	S. BERNARDINO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	PALM (SR-206) (NB)*	S. BERNARDINO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	PALM (SR-206) (SB)*	S. BERNARDINO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	I-215*	WSHNGTN(MTVRN)(NB)*	COLTON	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	I-215*	WSHNGTN(MTVRN)(SB)*	COLTON	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	I-259*	HIGHLAND (NB)*	S. BERNARDINO	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	I-259*	HIGHLAND (SB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	KASOTA	SR-18*	APPLE VALLEY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	KIOWA	SR-18*	APPLE VALLEY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	KENDALL DR (SR-206)*	40TH ST*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	KENWOOD	PALMDALE (\$R-18)*	VICTORVILLE	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MARIPOSA	PALMDALE (\$R-18)*	VICTORVILLE	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MILLIKEN	SR-60 (EB)*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MILLIKEN	SR-60 (WB)*	ONTARIO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MILLIKEN*	FOOTHILL (\$R-66)*	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MILLIKEN*	HIGHLAND (\$R-30)*	R. CUCAMONGA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MILLIKEN*	I-10 (EB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	MILLIKEN*	I-10 (WB)*	ONTARIO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	MONTE VISTA*	FOOTHILL (\$R-66)*	MONTCLAIR	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MONTE VISTA*	I-10 (EB)*	MONTCLAIR	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MONTE VISTA	I-10 (WB)*	MONTCLAIR	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MOUNTAIN VIEW*	I-10 (EB)*	LOMA LINDA	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	MOUNTAIN VIEW*	I-10 (WB)*	LOMA LINDA	2001	IW STOP			DNS			DNS
Note: Monitoring by Others				2000	IW STOP			DNS			DNS
	MOUNTAIN (SR-30)*	16TH ST (SR-30)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MOUNTAIN (SR-30)*	19TH ST (SR-30)*	UPLAND	2001	4W STOP			DNS			DNS
				2000	4W STOP			DNS			DNS
	MOUNTAIN*	FOOTHILL (SR-66)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MOUNTAIN*	I-10 (EB)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MOUNTAIN*	I-10 (WB)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MOUNTAIN*	SR-60 (EB)*	CHINO	2001	SIG	15.0	0.65	C	19.7	0.81	C
				2000	SIG	15.0	0.65	C	19.7	0.81	C
	MOUNTAIN*	SR-60 (WB)*	CHINO	2001	SIG	17.2	0.62	C	14.9	0.81	B
				2000	SIG	17.2	0.62	C	14.9	0.81	B
	MT VERNON(SPERRY)*	I-10 (WB)*	COLTON	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	MT VERNON*	5TH (FOOTHILL)(SR-66)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	MT VERNON*	I-10 (EB)*	COLTON	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	NAVAJO	SR-18*	APPLE VALLEY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	ORANGE (SR-38)*	COLTON AVENUE	REDLANDS	2001	2W STOP			DNS			DNS
				2000	2W STOP			DNS			DNS
	ORANGE (SR-38)*	I-10 (@PEARL) (EB)*	REDLANDS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	ORANGE (SR-38)*	LUGONIA (SR-38)*	REDLANDS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	PALM*	HIGHLAND (SR-30)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	PALMDALE	MARIPOSA	VICTORVILLE	2001				DNS			DNS
				2000				DNS			DNS
	PEPPER*	FOOTHILL (SR-66)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	PEPPER*	I-10 (EB)*	COLTON	2001	IW STOP			DNS			DNS
Note: Monitoring by Others				2000	IW STOP			DNS			DNS
	PEPPER*	I-10 (WB)*	COLTON	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	PIPELINE	S R-142*	CHINO HILLS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RAMONA	S R-60 (EB)*	CHINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RAMONA	S R-60 (WB)*	CHINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RANCHERIAS	S R-18*	APPLE VALLEY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RANCHO*	FOOTHILL (SR-66)*	S. BERNARDINO	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	RANCHO*	I-10 (EB)*	COLTON	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RANCHO*	I-10 (WB)*	COLTON	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RIVERSIDE*	FOOTHILL (SR-66)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RIVERSIDE*	HIGHLAND (SR-30)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RIVERSIDE*	I-10 (EB)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RIVERSIDE*	I-10 (WB)*	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	RIVERSIDE*	VALLEY	RIALTO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SAN ANTONIO	FOOTHILL (SR-66)*	UPLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SIERRA*	FOOTHILL (SR-66)*	FONTANA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SIERRA*	HIGHLAND (SR-30)*	FONTANA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SIERRA*	I-10 (EB)*	FONTANA	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	SIERRA*	I-10 (WB)*	FONTANA	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	SIERRA*	I-15 (NB)*	FONTANA	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	SIERRA*	I-15 (SB)*	COUNTY	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	SR-18*	BEAR VALLEY*	VICTORVILLE	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	SR-247*	SR-62*	COUNTY	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-30*	5TH ST*	HIGHLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-30(WB)*	HIGHLAND*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-30(EB)*	HIGHLAND *	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-330(NB)*	HIGHLAND*	S. BERNARDINO/HIGHLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-330(SB)*	HIGHLAND*	S. BERNARDINO/HIGHLAND	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-30*	I-10 (EB)*	REDLANDS	2001	UNSIG			DNS			DNS
				2000	UNSIG			DNS			DNS
	SR-30*	I-10 (WB)*	REDLANDS	2001	UNSIG			DNS			DNS
				2000	UNSIG			DNS			DNS
	SR-30*	SAN BERNARDINO (NB)*	REDLANDS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-30*	SAN BERNARDINO (SB)*	REDLANDS	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	SR-38*	SR-18*	COUNTY	2001	IW STOP			DNS			DNS
				2000	IW STOP			DNS			DNS
	SR-71*	CENTRAL	CHINO HILLS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-71*	CHINO HILLS PRKwy*	CHINO/CHINO HILLS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	SR-71*	GRAND AVE*	CHINO/CHINO HILLS	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	SR-71*	Pipeline Ave.	CHINO/CHINO HILLS	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000				DNS			DNS
	SR-71*	RIVERSIDE DR.*	CHINO/CHINO HILLS	2001	SIG			DNS			DNS
				2000				DNS			DNS
TENNESSEE*	I-10 (EB)*	REDLANDS	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
TENNESSEE*	I-10 (WB)*	REDLANDS	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
TIPPECANOE*	I-10 (EB)*	LOMA LINDA	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
TIPPECANOE*	I-10 (WB)*	LOMA LINDA	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
US-395*	EL MIRAGE LAKE RD*	ADELANTO	2001	IW STOP				DNS			DNS
			2000	IW STOP				DNS			DNS
US-395*	PALMDALE RD (SR-18)*	VICTORVILLE	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
US-395*	PHELAN*	COUNTY	2001	IW STOP				DNS			DNS
			2000	IW STOP				DNS			DNS
VICTORIA*	HIGHLAND (SR-30)*	HIGHLAND	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
VINEYARD	FOOTHILL (SR-66)*	R. CUCAMONGA	2001	SIG				DNS			DNS
			2000	SIG				DNS			DNS
VINEYARD	I-10 (EB)*	ONTARIO	2001	SIG				DNS			DNS
			2000	IW STOP				DNS			DNS
VINEYARD	I-10 (WB)*	ONTARIO	2001	SIG				DNS			DNS
			2000	IW STOP				DNS			DNS
VINEYARD	SR-60 (EB)*	ONTARIO	2001	IW STOP				DNS			DNS
			2000	IW STOP				DNS			DNS
VINEYARD	SR-60 (WB)*	ONTARIO	2001	IW STOP				DNS			DNS
			2000	IW STOP				DNS			DNS
WABASH*	I-10 (WB)*	REDLANDS	2001	IW STOP				DNS			DNS
			2000	IW STOP				DNS			DNS
WABASH*	SR-38 (LUGONIA)*	REDLANDS	2001	4W STOP				DNS			DNS
			2000	4W STOP				DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
CALTRANS cont'd	WATERMAN (SR-18)*	40TH ST*	S. BERNARDINO	2001	SIG			DNS			DNS
Note: Monitoring by Others				2000	SIG			DNS			DNS
	WATERMAN (SR-18)*	SR-30 (EB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	WATERMAN (SR-18)*	SR-30 (WB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	WATERMAN*	I-10 (EB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	WATERMAN*	I-10 (WB)*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
CHINO	CENTRAL*	CHINO HILLS PKWY*	CHINO	2001	SIG	18	0.60	C	13	0.30	B
				2000	SIG	18	0.60	C	13	0.30	B
	CENTRAL*	EDISON*	CHINO	2001	SIG	17	0.50	C	19	0.58	C
				2000	SIG	17	0.50	C	19	0.58	C
	CENTRAL*	RIVERSIDE*	CHINO	2001	SIG	40	DNS	D	55	DNS	D
				2000	SIG	24	0.70	C	41	0.86	E
	CENTRAL*	WALNUT*	CHINO	2001	SIG	26	DNS	C	35	DNS	C
				2000	SIG	25	0.60	C	51	0.82	E
	MOUNTAIN*	EDISON*	CHINO	2001	SIG	13	0.38	B	13	0.48	B
				2000	SIG	13	0.38	B	13	0.48	B
	MOUNTAIN*	RIVERSIDE*	CHINO	2001	SIG	35	DNS	C	35	DNS	C
				2000	SIG	25	0.58	C	38	0.77	D
	MOUNTAIN*	WALNUT*	CHINO	2001	SIG	27	DNS	C	29	DNS	C
				2000	SIG	27	0.83	D	40	0.88	E
	RAMONA	RIVERSIDE*	CHINO	2001	SIG	31	DNS	C	31	DNS	C
				2000	SIG	51	1.02	F**	31	0.81	D
	RESERVOIR*	RIVERSIDE*	CHINO/SB CO.	2001	SIG	10	0.35	B	9	0.33	B
				2000	SIG	10	0.35	B	9	0.33	B
CHINO HILLS	CHINO HILLS PARKWAY	GRAND	CHINO HILLS	2001	SIG	20	0.77	C	15	0.72	C
				2000	SIG	26	0.84	D	24	0.84	C
	PEYTON	GRAND	CHINO HILLS	2001	SIG	18	0.67	C	18	0.69	C
				2000	SIG	18	0.67	C	18	0.69	C

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
COLTON	BARTON*/COOLEY	WASHINGTON*	COLTON	2001	SIG	24	0.82	C	23	0.87	C
				2000	SIG	24	0.81	C	28	0.83	D
	HUNTS LANE*	WASHINGTON*	COLTON	2001	SIG	5	0.48	B	9	0.75	B
				2000	SIG	9	0.81	B	22	0.97	C
	LA CADENA*	RANCHO*	COLTON	2001	IW STOP	30		D	30		D
				2000	IW STOP	30		D	30		D
	MT. VERNON	COLTON	COLTON	2001	SIG	6	0.38	B	11	0.91	B
				2000	SIG	6	0.38	B	11	0.91	B
	MT. VERNON	COOLEY	COLTON	2001	SIG	20	0.68	C	14	0.69	B
				2000	SIG	23	0.75	C	14	0.84	B
	MT. VERNON	LA CAD/GRA NT	COLTON	2001	SIG	16	0.33	C	17	0.41	C
				2000	SIG	19	0.48	C	26	0.70	D
	MT. VERNON*	VALLEY	COLTON	2001	SIG	11	0.61	B	15	0.76	C
				2000	SIG	11	0.61	B	15	0.76	C
	MT. VERNON*	WASHINGTON*	COLTON	2001	SIG	27	0.56	D	0.27	0.75	D
				2000	SIG	22	0.72	C	24	0.81	C
	PENN/PENN WAY	MILL	COLTON	2001	SIG	10	0.54	B	10	0.53	B
				2000	SIG	10	0.35	B	11	0.43	B
	PEPPER*	VALLEY	COLTON	2001	SIG	18	0.50	C	24	0.83	C
				2000	SIG	14	0.62	B	13	0.73	B
	PEPPER	SAN BERNARDINO	COLTON	2001	SIG	11	0.62	B	10	0.56	B
				2000	SIG	11	0.55	B	13	0.71	B
	RECHE CANYON*	WASHINGTON (BARTON)*	COLTON	2001	SIG	16	0.90	C	25	0.99	C
				2000	SIG	15	0.83	B	17	0.86	C
	RANCHO*	AGUA MANS*	COLTON	2001	IW STOP	25		D	22		C
				2000	IW STOP	25		D	22		C
	RANCHO	VALLEY	COLTON	2001	SIG	13	0.58	B	12	0.53	B
				2000	SIG	11	0.72	B	9	0.63	B
	RANCHO	OLIVE	COLTON	2001	SIG	14	0.69	B	10	0.44	B
				2000	SIG	4	0.43	A	3	0.55	A
	RANCHO	MILL	COLTON	2001	SIG	5	0.28	B	5	0.31	B
				2000	SIG	5	0.28	B	5	0.31	B
FONTANA	ALDER	MILLER	FONTANA	2001	4W STOP	12		B	10		A
				2000	4W STOP	12		B	10		A

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
FONTANA continued	ALDER*	ARROW	FONTANA	2001	SIG	30	0.65	C	33	0.74	C
				2000	SIG	30	0.65	C	33	0.74	C
	ALDER*	BASE LINE*	FONTANA	2001	SIG	26	0.68	C	31	0.66	C
				2000	SIG	26	0.68	C	31	0.66	C
	ALDER*	SAN BERNARDINO	FONTANA	2001	4W STOP	12		B	13		B
				2000	4W STOP	12		B	13		B
	CHERRY*	BASE LINE*	FONTANA	2001	SIG	27	0.42	C	26	0.51	C
				2000	SIG	27	0.42	C	26	0.51	C
	CHERRY*	SLOVER	FONTANA/SB CO.	2001	SIG	44	0.82	C	28	0.68	C
				2000	SIG	44	0.82	C	28	0.68	C
	CHERRY*	VALLEY	FONTANA	2001	SIG	33	0.65	C	45	0.83	D
				2000	SIG	33	0.65	C	45	0.83	D
	CITRUS*	ARROW	FONTANA	2001	SIG	23	0.46	C	29	0.75	C
				2000	SIG	23	0.46	C	29	0.75	C
	CITRUS*	BASE LINE*	FONTANA	2001	SIG	25	0.50	C	37	0.78	D
				2000	SIG	25	0.50	C	37	0.78	D
	CITRUS*	JURUPA*	FONTANA	2001	4W STOP	11		B	15		C
				2000	4W STOP	11		B	15		C
	CITRUS*	MILLER	FONTANA	2001	4W STOP	10		A	13		B
				2000	4W STOP	10		A	13		B
	CITRUS*	SAN BERNARDINO	FONTANA	2001	SIG	22	0.41	C	24	0.75	C
				2000	SIG	22	0.41	C	24	0.57	C
	CITRUS*	SLOVER	FONTANA	2001	SIG	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	82	0.93	F	92	0.95	F
	ETIWANDA*	JURUPA*	FONTANA	2001	SIG	28	0.53	C	33	0.67	C
				2000	SIG	28	0.53	C	33	0.67	C
	MULBERRY*	JURUPA*	FONTANA	2001	SIG	33	0.51	C	35	0.54	C
				2000	SIG	33	0.51	C	35	0.54	C
	SIERRA*	ARROW	FONTANA	2001	SIG	22	0.43	C	25	0.65	C
				2000	SIG	22	0.43	C	25	0.65	C
	SIERRA*	BASE LINE*	FONTANA	2001	SIG	28	0.59	C	30	0.70	C
				2000	SIG	28	0.59	C	30	0.70	C
	SIERRA*	JURUPA*	FONTANA	2001	SIG	27	0.41	C	30	0.61	C
				2000	SIG	27	0.41	C	30	0.61	C

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
FONTANA <i>continued</i>	SIERRA*	RIVERSIDE*	FONTANA	2001	SIG	17	0.71	C	27	0.76	C
				2000	SIG	17	0.71	C	27	0.76	C
	SIERRA*	SAN BERNARDINO	FONTANA	2001	SIG	23	0.53	C	31	0.81	C
				2000	SIG	23	0.53	C	31	0.81	C
	SIERRA*	SLOVER	FONTANA	2001	SIG	26	0.49	C	29	0.58	C
				2000	SIG	26	0.49	C	29	0.58	C
	SIERRA*	VALLEY	FONTANA	2001	SIG	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	39	0.84	D	42	0.82	D
GRAND TERRACE	MICHIGAN	BARTON*	GRAND TERRACE	2001	SIG	12	0.45	B	10	0.54	B
				2000	SIG	12	0.45	B	10	0.54	B
	CANAL	BARTON*	GRAND TERRACE	2001	SIG	9	0.23	A	13	0.32	B
				2000	SIG	9	0.23	A	13	0.32	B
	MT. VERNON	BARTON*	GRAND TERRACE	2001	SIG	17	0.38	B	17	0.49	B
				2000	SIG	17	0.38	B	17	0.49	B
	PRESTON	BARTON*	GRAND TERRACE	2001	SIG	13	0.18	B	7	0.20	A
				2000	SIG	13	0.18	B	7	0.20	A
HESPERIA	I AVE.	BEAR VALLEY*	HESPERIA/VICTORVILLE	2001	SIG						F**
				2000	SIG			DNS			DNS
	3RD ST	MAIN ST*	HESPERIA	2001	SIG	10	0.49	B	12	0.67	B
				2000	SIG	10	0.49	B	12	0.67	B
	"C"	MAIN ST*	HESPERIA	2001	SIG	21	0.71	C	27	0.85	D
				2000	SIG	25	0.76	C	28	0.88	D
	7TH	BEAR VALLEY*	HESPERIA/VICTORVILLE	2001	SIG			DNS	27	0.70	C
				2000	SIG			DNS			DNS
	COTTONWOOD	BEAR VALLEY*	HESPERIA/VICTORVILLE	2001	SIG			DNS			F**
				2000	SIG			DNS			DNS
	MARIPOSA	MAIN*	HESPERIA	2001	SIG	8	0.40	B	12	0.51	B
				2000	SIG	8	0.40	B	12	0.51	B
	MAPLE	MAIN*	HESPERIA	2001	SIG	13	0.49	B	12	0.54	B
				2000	SIG	13	0.49	B	12	0.54	B
	"I"	MAIN	HESPERIA	2001	SIG	15	0.47	C	18	0.62	C
				2000	SIG	15	0.47	C	18	0.62	C
HIGHLAND	DEL ROSA DR.	3RD STREET	HIGHLAND	2001	SIG	11	0.57	B	12	0..65	B
				2000	SIG	11	0.57	B	12	0.65	B

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
HIGHLAND cont'd	DEL ROSA DR.	5TH STREET	HIGHLAND	2001	SIG	11	0.27	B	11	0.32	B
				2000	SIG	11	0.27	B	11	0.32	A
	PALM*	3RD STREET*	HIGHLAND	2001	SIG	37	0.35	D	37	0.38	D
				2000	SIG	37	0.35	D	37	0.38	D
	PALM*	5TH ST*	HIGHLAND	2001	SIG	36	0.71	D	38	0.57	D
				2000	SIG	36	0.71	D	38	0.57	D
	PALM*	BASE LINE*	HIGHLAND	2001	SIG	20	0.35	C	20	0.42	C
				2000	SIG	20	0.35	C	20	0.42	C
	VICTORIA*	5TH ST*	HIGHLAND	2001	SIG	10	0.58	B	8	0.38	A
				2000	SIG	10	0.58	B	8	0.38	A
	BOULDER*	5TH ST.*	HIGHLAND	2001	SIG	56	0.95	E	56	0.91	E
				2000	SIG	18	0.73	C	25	0.76	C
	BOULDER*	BASE LINE*	HIGHLAND	2001	SIG	34	0.79	C	31	0.59	C
				2000	SIG	19	0.48	C	19	0.36	C
	BOULDER*	HIGHLAND*	HIGHLAND	2001	SIG	26	0.34	C	31	0.55	C
				2000	SIG	26	0.34	C	31	0.55	C
	STERLING	BASE LINE*	HIGHLAND	2001	SIG	29	0.39	C	30	0.52	C
				2000	SIG	19	0.40	C	20	0.47	C
	CHURCH	5TH ST.*	HIGHLAND	2001	SIG	25	0.76	C	22	0.39	C
					SIG	19	0.47	C	19	0.31	C
	VICTORIA*	BASE LINE*	HIGHLAND	2001	SIG	29	0.36	C	28	0.35	C
				2000	SIG	20	0.37	C	20	0.42	C
	PALM*	PACIFIC	HIGHLAND	2001	4WSTOP	31		D	172		F
				2000	4WSTOP	6		B	7		B
LOMA LINDA	ANDERSON (TIPCANOE)	BARTON*	LOMA LINDA	2001	SIG	18	0.67	C	21	0.75	C
				2000	SIG	19	0.59	C	25	0.73	C
	ANDERSON (TIPCANOE)*	REDLANDS*	LOMA LINDA	2001	SIG	18	0.62	C	17	0.59	C
				2000	SIG	16	0.57	C	19	0.65	C
	ANDERSON*	STEWART	LOMA LINDA	2001	SIG	10	0.41	B	11	0.54	C
				2000	SIG	15	0.67	B	10	0.46	B
	CALIFORNIA*	BARTON*	LOMA LINDA	2001	SIG	8	0.56	B	4	0.53	A
				2000	SIG	10	0.70	B	8	0.54	B
	MOUNTAIN VIEW*	BARTON*	LOMA LINDA	2001	SIG	14	0.42	B	22	0.72	C
				2000	SIG	13	0.54	C	17	0.53	C

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
LOMA LINDA continued	MOUNTAIN VIEW*	REDLANDS*	LOMA LINDA	2001	SIG	18	0.52	C	18	0.59	C
				2000	SIG	19	0.60	C	18	0.60	C
	UNIVERSITY	BARTON*	LOMA LINDA	2001	SIG	21	0.75	C	25	0.81	D
				2000	SIG	17	0.64	C	19	0.73	C
MONTCLAIR	CENTRAL*	4TH (S. BERNARDINO)	MONTCLAIR	2001	SIG	18	0.67	C	18	0.80	C
				2000	SIG	18	0.67	C	18	0.80	C
	CENTRAL*	ARROW HWY (8TH ST)*	MONTCLAIR	2001	SIG	20	0.60	C	21	0.72	C
				2000	SIG	20	0.60	C	21	0.72	C
	CENTRAL*	HOLT*	MONTCLAIR	2001	SIG	25	0.64	C	26	0.75	C
				2000	SIG	17	0.74	C	20	0.83	C
	CENTRAL*	MORENO	MONTCLAIR	2001	SIG	16	0.36	C	23	0.87	C
				2000	SIG	16	0.36	C	23	0.87	C
	CENTRAL*	MISSION*	MONTCLAIR	2001	SIG	18	0.65	C	19	0.76	C
				2000	SIG	18	0.65	C	19	0.76	C
	MONTE VISTA*	ARROW HWY (8TH ST)*	MONTCLAIR	2001	SIG	25	0.56	C	33	0.82	C
				2000	SIG	15	0.57	B	19	0.80	C
ONTARIO	ARCHIBALD*	RIVERSIDE	ONTARIO	2001	SIG	18	0.63	C	18	0.82	C
				2000	SIG	18	0.33	C	19	0.56	C
	ETIWANDA	SLOVER/AIRPORT DRIVE	ONTARIO	2001	SIG	30	0.65	C	61	1.01	F**
				2000	SIG	21	0.56	C	22	0.74	C
	ETIWANDA	4TH	ONTARIO	2001	SIG			DNS			DNS
				2000							
	GROVE	4TH	ONTARIO	2001	SIG	37	0.66	D	29	0.86	D
				2000	SIG	26	0.56	D	22	0.69	C
	GROVE	HOLT*	ONTARIO	2001	SIG	52	1.02	F**	51	1.01	F**
				2000	SIG	38	0.93	D	58	0.80	E
	GROVE	MISSION*	ONTARIO	2001	SIG	13	0.63	C	25	0.92	B
				2000	SIG	17	0.80	C	19	0.91	B
	HAVEN	MISSION*	ONTARIO	2001	SIG	16	0.66	C	20	0.59	C
				2000	SIG	14	0.47	B	15	0.37	C
	HAVEN*	4TH	ONTARIO	2001	SIG	17	0.68	C	19	0.72	C
				2000	SIG	16	0.53	C	21	0.83	C
	MILLIKEN	4TH	ONTARIO	2001	SIG			DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR			
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS	
ONTARIO cont'd	MILLIKEN	MISSION*	ONTARIO	2001	SIG	14	0.40	B	15	0.41	B	
				2000	SIG	13	0.31	B	14	0.34	B	
	MOUNTAIN*	4TH	ONTARIO	2001	SIG	11	0.50	B	12	0.59	B	
				2000	SIG	11	0.59	B	15	0.84	B	
	MOUNTAIN*	HOLT*	ONTARIO	2001	SIG	19	0.69	C	26	0.90	D	
				2000	SIG	21	0.72	C	23	0.82	C	
	MOUNTAIN*	MISSION*	ONTARIO	2001	SIG	19	0.77	C	26	0.82	D	
				2000	SIG	19	0.68	C	21	0.83	C	
	MOUNTAIN*	PHILADELPHIA	ONTARIO	2001	SIG	33	0.86	D	31	0.92	D	
				2000	SIG	27	0.54	D	29	0.87	D	
	VINEYARD	4TH	ONTARIO	2001	SIG			DNS			DNS	
	VINEYARD	HOLT*	ONTARIO	2001	SIG	17	0.64	C	16	0.56	C	
				2000	SIG	23	0.87	C	22	0.69	C	
	VINEYARD	MISSION*	ONTARIO	2001	SIG	18	0.48	C	46	0.58	E	
				2000	SIG	24	0.47	C	18	0.32	C	
R. CUCAMONGA	ARCHIBALD*	BASE LINE*	R. CUCAMONGA	2001	SIG	EXEMPT - CONSTRUCTION AREA						
				2000	SIG	12	0.67	B	22	0.91	C	
	ARCHIBALD*	4TH*	R. CUCAMONGA	2001	SIG	10	0.49	B	12	0.72	B	
				2000	SIG	13	0.58	B	19	0.80	C	
	ARCHIBALD*	ARROW*	R. CUCAMONGA	2001	SIG	13	0.74	B	20	0.90	C	
				2000	SIG	18	0.11	C	26	0.92	D	
	CARNELIAN	BASE LINE*	R. CUCAMONGA	2001	SIG			EXEMPT - CONSTRUCTION AREA				
				2000	SIG	27	0.89	D	23	0.77	C	
	ETIWANDA	BASE LINE*	R. CUCAMONGA	2001	SIG	15	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	15	0.53	B	14	0.52	B	
	GROVE	8TH ST*	RCM/ONT/UPLAND	2001	SIG	7	0.41	B	7	0.47	B	
				2000	SIG	8	0.31	B	9	0.47	B	
	HAVEN*	ARROW*	RANCHO CUCAMONGA	2001	SIG	13	0.64	B	16	0.66	C	
				2000	SIG	10	0.63	B	13	0.85	B	
	GROVE	10TH (ARROW)*	UPLAND	2001	SIG	9	0.81	B	17	0.92	C	
				2000	SIG	26	0.94	D	32	0.99	D	
	HAVEN*	BASE LINE*	R. CUCAMONGA	2001	SIG	EXEMPT - CONSTRUCTION AREA						
				2000	SIG	15	0.75	C	14	0.74	B	

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
R. CUCAMONGA <i>continued</i>	MILLIKEN*	4TH*	R. CUCAMONGA/ONT	2001	SIG	12	0.54	B	15	0.68	B
				2000	SIG	13	0.40	B	27	0.81	D
	MILLIKEN*	ARROW*	R. CUCAMONGA	2001	SIG	26	0.85	D	21	0.84	C
				2000	SIG	15	0.61	B	33	0.70	D
	MILLIKEN*	BASE LINE*	R. CUCAMONGA	2001	SIG	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	11	0.41	B	11	0.44	B
	VINEYARD	ARROW*	R. CUCAMONGA	2001	SIG	18	0.64	C	20	0.82	C
				2000	SIG	27	0.74	C	36	0.80	D
REDLANDS	ALABAMA*	BARTON*	REDLANDS	2001	SIG	16	0.66	C	16	0.67	C
				2000	SIG	16	0.66	C	16	0.67	C
	ALABAMA*	REDLANDS*	REDLANDS	2001	SIG	23	0.79	C	19	0.52	C
				2000	SIG	23	0.79	C	19	0.52	C
	CALIFORNIA*	SAN BERNARDINO*	REDLANDS	2001	2W STOP			A			A
				2000	2W STOP			A			A
	CALIFORNIA*	REDLANDS*	REDLANDS	2001	SIG	29	0.85	D	23	0.87	C
				2000	SIG	21	0.78	C	22	0.83	C
	MOUNTAIN VIEW*	SAN BERNARDINO*	REDLANDS	2001	4W STOP	7		B	16		C
				2000	4W STOP	7		B	16		C
	ORANGE*	CITRUS (BROOKSIDE)*	REDLANDS	2001	SIG	3	0.38	A	4	0.54	A
				2000	SIG	3	0.38	A	4	0.54	A
	ORANGE*	REDLANDS*	REDLANDS	2001	SIG	13	0.50	B	18	0.70	C
				2000	SIG	13	0.50	B	18	0.70	C
	ORANGE*	SAN BERNARDINO*	REDLANDS	2001	SIG	4	0.48	A	4	0.62	A
				2000	SIG	4	0.48	A	4	0.62	A
	REDLANDS*	CITRUS (BROOKSIDE)*	REDLANDS	2001	SIG	8	0.50	B	18	0.89	C
				2000	SIG	8	0.50	B	18	0.89	C
	SAN MATEO	BROOKSIDE*	REDLANDS	2001	SIG	8	0.49	B	12	0.78	B
				2000	SIG	8	0.49	B	12	0.78	B
	TENNESSEE*	REDLANDS*	REDLANDS	2001	SIG	16	0.61	C	19	0.73	C
				2000	SIG	16	0.61	C	19	0.73	C
	WABASH*	5TH AVE*	REDLANDS	2001	2W STOP	6		B	6		B
				2000	2W STOP	7		B	4		A
	WABASH*	CITRUS*	REDLANDS	2001	2W STOP	6		B	5		B
				2000	2W STOP	3		A	3		A

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
RIALTO	CEDAR*	BASE LINE*	RIALTO	2001	SIG	16	0.45	C	14	0.35	B
				2000	SIG	16	0.45	C	14	0.35	B
	CEDAR*	RIALTO	RIALTO	2001	4W STOP	12	0.47	B	15	0.55	B
				2000	4W STOP	12	0.47	B	15	0.55	B
	PEPPER*	BASE LINE*	RIALTO	2001	SIG	6	0.25	B	7	0.29	B
				2000	SIG	6	0.23	B	6	0.29	B
	RIVERSIDE*	AGUA MANSA*	RIALTO	2001	4W STOP	16	0.55	C	17	0.58	C
				2000	4W STOP	40		D	54		F
	RIVERSIDE*	BASE LINE*	RIALTO	2001	SIG	13	0.52	B	13	0.58	B
				2000	SIG	13	0.52	B	13	0.58	B
	RIVERSIDE*/BLOOM*	MERRILL*(WB)	RIALTO	2001	5W SIG	23	0.74	C	30	0.79	C
				2000	5W SIG	19	0.41	C	33	0.53	D
	RIVERSIDE*	SAN BERNARDINO	RIALTO	2001	SIG	14	0.69	B	22	0.86	C
				2000	SIG	14	0.69	B	22	0.86	C
	RIVERSIDE*	SLOVER	RIALTO	2001	SIG	8	0.44	B	8	0.62	B
				2000	SIG	8	0.44	B	8	0.62	B
	RIVERSIDE	VALLEY	RIALTO	2001	SIG	27	0.83	C	33	0.88	C
				2000	SIG	27	0.91	D	26	0.87	D
SAN BERNARDINO	DEL ROSA AVE.	HIGHLAND AVE.	S. BERNARDINO	2001	SIG	17	0.48	C	19	0.64	C
				2000	SIG	17	0.48	C	19	0.64	C
	DEL ROSA DR.*	BASE LINE*	SB/HIGHLAND/SB CO.	2001	SIG	13	0.39	B	15	0.56	B
				2000	SIG	13	0.39	B	15	0.56	B
	DEL ROSA	S. DATE	S. BERNARDINO	2001	SIG	14	0.57	B	17	0.80	C
				2000	SIG	14	0.57	B	17	0.80	C
	E STREET*	2ND ST*	S. BERNARDINO	2001	SIG	16	0.52	C	20	0.67	C
				2000	SIG	16	0.52	C	20	0.67	C
	E STREET*	5TH ST*	S. BERNARDINO	2001	SIG	9	0.35	B	8	0.55	B
				2000	SIG	9	0.35	B	8	0.55	B
	E STREET	9TH ST	S. BERNARDINO	2001	SIG	9	0.38	B	8	0.53	B
				2000	SIG	9	0.38	B	8	0.53	B
	E STREET*	BASE LINE*	S. BERNARDINO	2001	SIG	8	0.42	B	8	0.43	B
				2000	SIG	8	0.42	B	9	0.43	B
	E STREET*	HIGHLAND*	S. BERNARDINO	2001	SIG	8	0.41	B	9	0.47	B
				2000	SIG	8	0.41	B	9	0.47	B

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK H R		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
SAN BERNARDINO <i>continued</i>	E STREET*	MILL (INLAND CNTR)*	S. BERNARDINO	2001	SWSIG	26	0.42	D	31	0.63	D
				2000	SWSIG	22	0.32	C	28	0.69	D
	E STREET*	ORANGE SHOW	S. BERNARDINO	2001	SIG	18	0.57	C	22	0.66	C
				2000	SIG	18	0.57	C	22	0.66	C
	E STREET	RIALTO AVE.	S. BERNARDINO	2001	SIG	14	0.29	B	14	0.51	B
				2000	SIG	14	0.29	B	14	0.51	B
	HUNTS LN*	REDLANDS*	S. BERNARDINO	2001	SIG	26	0.53	C	29	0.65	C
				2000	SIG	19	0.60	C	26	0.92	D
MT VERNON*	I STREET	3RD ST	S. BERNARDINO	2001	SIG	4	0.28	A	6	0.44	B
				2000	SIG	4	0.28	A	6	0.44	B
	MT VERNON*	2ND STREET	S. BERNARDINO	2001	SIG	11	0.51	B	17	0.69	C
				2000	SIG	11	0.51	B	17	0.69	C
	MT VERNON*	BASE LINE*	S. BERNARDINO	2001	SIG	13	0.50	B	15	0.55	B
				2000	SIG	13	0.50	B	15	0.55	B
	MT VERNON*	HIGHLAND*	S. BERNARDINO	2001	SIG	14	0.62	B	15	0.68	C
				2000	SIG	14	0.62	B	15	0.68	C
	MT VERNON*	MILL*	S. BERNARDINO	2001	SIG	14	0.47	B	19	0.59	C
				2000	SIG	14	0.47	B	19	0.59	C
PEPPER*	MT VERNON*	RIALTO	S. BERNARDINO	2001	SIG	6	0.28	B	6	0.38	B
				2000	SIG	6	0.28	B	6	0.38	B
	PEPPER*	MILL*	S. BERNARDINO	2001	SIG	18	0.41	C	14	0.48	B
				2000	SIG	18	0.41	C	14	0.48	B
	PEPPER*	RIALTO	S. BERNARDINO	2001	SIG	11	0.27	B	12	0.44	B
				2000	SIG	11	0.27	B	12	0.44	B
	RANCHO*	MILL*	S. BERNARDINO	2001	SIG	6	0.24	B	6	0.31	B
				2000	SIG	6	0.24	B	6	0.31	B
STERLING AVE	RANCHO*	RIALTO	S. BERNARDINO	2001	SIG	5	0.28	B	6	0.27	B
				2000	SIG	5	0.28	B	6	0.27	B
	STERLING AVE	3RD ST	S. BERNARDINO	2001	SIG	2	0.39	A	6	0.42	B
				2000	SIG	2	0.39	A	6	0.42	B
	STERLING AVE	5TH ST	S. BERNARDINO	2001	SIG	7	0.55	B	8	0.84	B
				2000	SIG	7	0.55	B	8	0.84	B
	STERLING AVE	HIGHLAND	S. BERNARDINO	2001	SIG	18	0.49	C	20	0.65	C
				2000	SIG	18	0.49	C	20	0.65	C

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
SAN BERNARDINO continued	TIPPECANOE	3RD ST*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	TIPPECANOE*	MILL*	S. BERNARDINO	2001	SIG	10	0.66	B	10	0.67	B
				2000	SIG	10	0.66	B	10	0.67	B
	TIPPECANOE*	SAN BERNARDINO*	S. BERNARDINO	2001	SIG	17	0.69	C	22	0.75	C
				2000	SIG	17	0.69	C	20	0.75	C
	VICTORIA*	3RD ST*	S. BERNARDINO	2001	SIG			DNS			DNS
				2000	SIG			DNS			DNS
	WATERMAN*	2ND ST*	S. BERNARDINO	2001	SIG	5	0.31	B	7	0.34	B
				2000	SIG	5	0.31	B	7	0.34	B
	WATERMAN*	3RD ST*	S. BERNARDINO	2001	SIG	13	0.43	B	16	0.61	C
				2000	SIG	13	0.43	B	16	0.61	C
	WATERMAN*	5TH ST*	S. BERNARDINO	2001	SIG	13	0.49	B	14	0.56	B
				2000	SIG	13	0.49	B	14	0.56	B
	WATERMAN	9TH ST	S. BERNARDINO	2001	SIG	16	0.62	C	18	0.63	C
				2000	SIG	16	0.62	C	18	0.63	C
	WATERMAN*	BARTON*	S. BERNARDINO/COLT	2001	SIG	17	0.75	C	15	0.76	B
				2000	SIG	17	0.75	C	15	0.76	B
	WATERMAN*	BASE LINE*	S. BERNARDINO	2001	SIG	32	0.66	C	42	0.88	D
				2000	SIG	20	0.66	C	33	0.95	D
	WATERMAN*	HIGHLAND*	S. BERNARDINO	2001	SIG	19	0.57	C	20	0.59	C
				2000	SIG	19	0.57	C	20	0.59	C
	WATERMAN*	HOSPITALITY LN	S. BERNARDINO	2001	SIG	25	0.42	C	51	0.94	D
				2000	SIG	26	0.76	D	30	0.90	D
	WATERMAN*	MILL*	S. BERNARDINO	2001	SIG	17	0.59	C	20	0.65	C
				2000	SIG	17	0.59	C	20	0.65	C
	WATERMAN*	REDLANDS*	S. BERNARDINO	2001	SIG	19	0.62	C	16	0.67	C
				2000	SIG	19	0.62	C	16	0.67	C
SB COUNTY	ALABAMA*	SAN BERNARDINO*	SB COUNTY	2001	SIG	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	21	0.40	C	25	0.59	C
	ALDER*	VALLEY	SB COUNTY	2001	SIG	11	0.54	B	11	0.60	B
				2000	SIG	11	0.51	B	23	0.87	C

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
SB COUNTY cont'd	CEDAR*	BLOOMINGTON*	SB COUNTY	2001	SIG	13	0.40	B	19	0.80	B
				2000	SIG	12	0.46	B	10	0.47	B
	CEDAR*	SAN BERNARDINO	SB COUNTY	2001	SIG	20	0.45	B	23	0.43	C
				2000	SIG	18	0.37	B	18	0.50	B
	CEDAR*	SLOVER	SB COUNTY	2001	SIG	24	0.65	C	32	0.70	C
				2000	SIG	23	0.46	C	23	0.74	C
	CEDAR*	VALLEY	SB COUNTY	2001	SIG	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	39	0.94	D	44	0.95	D
	CENTRAL*	MISSION*	SB COUNTY	2001	SIG	23	0.76	C	24	0.79	C
				2000	SIG	23	0.69	C	35	0.92	D
	CHERRY*	ARROW	SB COUNTY	2001	SIG	18	0.79	B	22	0.86	C
				2000	SIG	20	0.73	B	47	0.98	D
	CHERRY*	JURUPA*	FONTANA	2001	SIG	16	0.63	B	13	0.35	B
				2000	SIG	12	0.27	B	13	0.37	B
	CHERRY*	SAN BERNARDINO	SB COUNTY	2001	SIG	16	0.53	B	22	0.69	C
				2000	SIG	22	0.69	C	12	0.37	B
	CITRUS*	VALLEY	SB COUNTY/FONTANA	2001	SIG	EXEMPT - CONSTRUCTION AREA					
				2000	SIG	29	0.61	C	56	0.97	E
	ETIWANDA	SAN BERNARDINO	SB COUNTY	2001	SIG	16	0.58	B	19	0.69	B
				2000	SIG	20	0.65	B	16	0.56	B
TWNTYNINE PALMS	ALL STATE HIGHWAYS/	SEE CALTRANS									
UPLAND	MOUNTAIN*	7TH ST	UPLAND	2001	SIG	20	0.51	C	28	0.74	C
				2000	SIG	20	0.51	C	28	0.74	C
	MOUNTAIN*	8TH ST (ARROW HWY)*	UPLAND	2001	SIG	21	0.46	C	24	0.65	C
				2000	SIG	21	0.46	C	24	0.65	C
VICTORVILLE	AMARGOSA	BEAR VALLEY	VICTORVILLE	2001	SIG	DNS			F**		
				2000	SIG			DNS	68	0.90	E
	BEAR VALLEY	HESPERIA	VICTORVILLE/HESPER	2001	SIG			DNS	42	0.84	D
				2000	SIG	21	0.67	C	32	\$0.95	D
	BEAR VALLEY	MARIPOSA	VICTORVILLE/HESPER	2001	SIG			DNS			F**
				2000	SIG			DNS			F**
	PALMDALE	MARIPOSA	VICTORVILLE	2001				DNS	29	0.87	C
				2000				DNS			DNS

San Bernardino County CMP, 2001 Update

TABLE A-1
SAN BERNARDINO COUNTY CMP INTERSECTION LEVEL OF SERVICE

MONITORING AGENCY	NS	EW	JURISDICTION (CITY or COUNTY)			AM PK HOUR			PM PEAK HR		
				YEAR	CONTROL TYPE	DELAY SEC	V/C	LOS	DELAY SEC	V/C	LOS
YUCAIPA	14TH STREET*	YUCAIPA BLVD*	YUCAIPA	2001	SIG	11	0.62	B	13	0.69	B
				2000	SIG	10	0.66	B	8	0.60	B
	BRYANT*	AVE F*	YUCAIPA	2001	4W STOP	8		B	5		A
				2000	4W STOP	7		B	5		A
	BRYANT*	COUNTY LINE RD*	YUCAIPA	2001	4W STOP	5		A	3		A
				2000	4W STOP	5		A	4		A
	BRYANT*	OAK GLEN RD*	YUCAIPA	2001	SIG	16	0.55	C	14	0.37	B
				2000	SIG	16	0.55	C	14	0.37	B
	BRYANT*	YUCAIPA BLVD*	YUCAIPA	2001	SIG	10	0.43	B	11	0.46	B
				2000	SIG	11	0.36	B	12	0.41	B
YUCCA VALLEY	ALL STATE HIGHWAYS/	SEE CALTRANS									

NOTES: * IDENTIFIES A CMP ROADWAY.

**IDENTIFIES LOS F CONDITION (WITHOUT DELAY OF 60 OR MORE SECONDS) BUT WITH V/C OF 1.00 OR GREATER OR CYCLE LENGTH OVER 130 SECONDS.

"MONITORING AGENCY" COLUMN: IDENTIFIES AGENCY RESPONSIBLE FOR MONITORING LOS LEVELS.

(SORTED BY AGENCY IN ASCENDING ORDER & PM LEVELS OF SERVICE IN DESCENDING ORDER).

"LOS CAPSSI" COLUMN: LEVEL OF SERVICE DETERMINED BY THE "COMPREHENSIVE ANALYSIS PROGRAM FOR A SINGLE SIGNALIZED INTERSECTION" (CAPSSI) COMPUTER PROGRAM

"DNS" = DATA NOT SUBMITTED

"NPH" = NO PEAK HOUR.

Table A-2

**GENERALIZED PEAK HOUR/PEAK DIRECTION LEVEL OF SERVICE
MAXIMUM VOLUMES FOR FLORIDA'S RURAL (<5,000) AREAS**

UNDEVELOPED AREAS AND FREEWAYS						INCORPORATED AND DEVELOPED AREAS (cities, developed but unincorporated areas or roadways influenced by signalized intersections)				
LANES	FREEWAYS					TWO-WAY ARTERIALS				
	Level of Service					Level of Service				
LANES	A	B	C	D	E	A**	B**	C	D	E
4	1,260	1,950	2,780	3,360	3,610			450	650	870
6	1,900	2,920	4,170	5,040	5,420			1,440	1,580	1,750
8	2,530	3,900	5,560	6,710	7,220			1,520	1,680	1,840
MULTILANE UNINTERRUPTED HIGHWAYS (less than 1 signalized intersection every 4 miles)								2,500	2,500	2,770
LANES	Level of Service					Group B (0.76 to 1.5 signalized intersections per mile)				
	A	B	C	D	E	A**	B**	C	D	E
	1,160	1,690	2,280	2,810	3,520			410	610	820
	1,740	2,530	3,430	4,220	5,270			1,570	1,520	1,650
TWO-LANE UNINTERRUPTED HIGHWAYS (less than 1 signalized intersection every 4 miles)								1,440	1,500	1,740
55 MPH Posted Speed								2,210	2,410	2,620
Lanes	Level of Service					Group C (more than 1.5 signalized intersections per mile)				
	A	B	C	D	E	A**	B**	C**	D	E
2	170	330	540	870	1,400			-	600	800
45 MPH Posted Speed								-	1,470	1,540
Lanes	Level of Service							-	1,550	1,720
	A**	B	C	D	E			-	2,370	2,500
2	-	160	430	710	1,340					
COLLECTORS AND LOCAL STREETS (signalized intersection analysis)						Lanes				
						Level of Service				
						A**	B**	C	D	E
								350	550	620

*The table does not constitute a standard and should be used only for general planning applications. The computer models from which this table is derived should be used for more specific planning applications. The table and deriving computer models should not be used for corridor or intersection design, where more refined techniques exist. Values shown are average daily traffic maximum volumes (based on peak hour volumes) for levels of service and are based on the 1985 Highway Capacity Manual and Florida traffic data. Roadways with more than the number of lanes shown should be treated on a case by case basis. The table's input value assumptions and level of service criteria appear on the back.

**Cannot be achieved.

Source: Florida Department of Transportation, 1985.

TABLE A-2 continued
**GENERALIZED PEAK HOUR/PEAK DIRECTION LEVEL OF SERVICE MAXIMUM
 VOLUMES FOR FLORIDA'S URBAN/URBANIZED (5,000+) AREAS**
 (valid for use from January 1989 through December 1990)

TWO-WAY ARTERIALS						FREEWAYS						
Group A (0.0 to 0.75 signalized intersections per mile)		Level of Service				Group 1 (within urbanized area over 500,000 and leading to or within 5 miles of primary city central business district)		Level of Service				
Lanes/Divided	A	B	C	D	E	Lanes	A	B	C	D	E	
2 Undiv.	740	810	840	890	940	4	1,400	2,150	3,070	3,710	3,990	
4 Div.	1,620	1,730	1,790	1,890	1,990	6	2,090	3,230	4,610	5,570	5,990	
6 Div.	2,460	2,610	2,690	2,840	2,990	8	2,790	4,310	6,140	7,420	7,980	
						10	3,490	5,390	7,680	9,280	9,980	
Group B (0.76 to 1.5 signalized intersections per mile)						Group 2 (within urbanized area over 50,000 and not in Group 1)						
Lanes/Divided	Level of Service					Lanes	Level of Service					
	A	B	C	D	E		A	B	C	D	E	
2 Undiv.	490	740	790	830	870	4	1,330	2,050	2,930	3,530	3,800	
4 Div.	1,080	1,610	1,680	1,760	1,850	6	2,000	3,080	4,390	5,300	5,700	
6 Div.	1,680	2,450	2,530	2,650	2,770	8	2,660	4,100	5,850	7,070	7,600	
						A	3,330	5,130	7,320	8,840	9,500	
Group C (1.6 to 2.5 signalized intersections per mile)						Group 3 (within non-urbanized areas)						
Lanes/Divided	Level of Service					Lanes	Level of Service					
	A**	B	C	D	E		A	B	C	D	E	
2 Undiv.	-	550	730	800	850	I	4	1,260	1,950	2,780	3,360	3,610
4 Div.	-	1,240	1,600	1,720	1,810	6	1,900	2,920	4,170	5,040	5,420	
6 Div.	-	1,910	2,440	2,600	2,730	8	2,530	3,900	5,560	6,710	7,220	
Group D (2.6 to 3.5 signalized intersections per mile)						ONE-WAY ARTERIALS						
Lanes/Divided	Level of Service					Lanes	Level of Service					
	A**	B**	C	D	E		A**	B	C	D	E	
2 Undiv.	-	-	500	740	830	2	-	1,060	1,600	1,830	1,950	
4 Div.	-	-	1,090	1,640	1,800	3	-	1,610	2,450	2,770	2,940	
6 Div.	-	-	1,680	2,510	2,720	4	-	2,150	3,320	3,710	3,930	
Group E (3.6 to 4.5 signalized intersections per mile)						Group E (3.6 to 4.5 signalized intersections per mile)						
Lanes/Divided	Level of Service					Lanes	Level of Service					
	A**	B**	C**	D	E		A**	B**	C	D	E	
2 Undiv.	-	-	-	670	790	2	-	-	1,440	1,750	1,900	
4 Div.	-	-	-	1,430	1,740	3	-	-	2,190	2,670	2,870	
6 Div.	-	-	-	2,140	2,650	4	-	-	2,920	3,600	3,850	
Group F (more than 4.5 signalized intersections per mile and not within primary city central business district of urbanized area over 500,000)						Group F (more than 4.5 signalized intersections per mile and not within primary city central business district of urbanized area over 500,000)						
Lanes/Divided	Level of Service					Lanes	Level of Service					
	A**	B**	C**	D	E		A**	B**	C	D	E	
2 Undiv.	-	-	-	560	790	I	2	-	-	1,180	1,680	1,910
4 Div.	-	-	-	1,230	1,740	S	3	-	-	1,790	2,590	2,890
6 Div.	-	-	-	1,890	2,660	II	4	-	-	2,410	3,500	3,870
Group G (more than 4.5 signalized intersections per mile and within primary city central business s district of urbanized area over 500,000)						Group G (more than 4.5 signalized intersections per mile and within primary city central business district of urbanized area over 500,000)						
Lanes/Divided	Level of Service					Lanes	Level of Service					
	A**	B**	C**	D	E		A**	B**	C	D	E	
2 Undiv.	-	-	-	710	840	S	2	-	-	1,440	1,860	1,980
4 Div.	-	-	-	1,590	1,830	III	3	-	-	2,210	2,830	2,990
6 Div.	-	-	-	2,450	2,780		4	-	-	2,980	3,800	4,000
DIVIDED/UNDIVIDED ADJUSTMENTS (alter corresponding two-way arterial volume indicated percent)						TWO-WAY COLLECTORS AND LOCAL STREETS (signalized intersection analysis)						
Lanes	Median	Left Turn Bays	Adjustment Factor			Lanes	Level of Service					
2	Divided	Yes	+ 5%				A**	B**	C	D	E	
2	Undivided	No	-15%				2	-	-	410	630	700
Multi	Undivided	Yes	-5%				4	-	-	880	1,320	1,430
Multi	Undivided	No	-20%				6	-	-	1,350	2,020	2,170

*The table does not constitute a standard and should be used only for general planning applications. The computer models from which this table is derived should be used for more specific planning applications. The table and deriving computer models should not be used for corridor or intersection design, where more refined techniques exist. Values shown are average daily traffic maximum volumes (based on peak hour volumes) for levels of service and are based on the 1985 Highway Capacity Manual and Florida traffic data. Roadways with more than the number of lanes shown should be treated on a case by case basis. The table's input value assumptions and level of service criteria appear on the back.

**Cannot be achieved.

Source: Florida Department of Transportation, 1988.

Table A-3
COUNTY OF SAN BERNARDINO CMP ROADWAY SYSTEM

East-West Arterial (Valley)	Beginning	Ending
16th St.- Base Line Rd.- Base Line St.	Los Angeles County Line	Boulder Ave.
19th St.	Mountain Ave.	Haven Ave.
2nd St.	I-215	Waterman Ave.
3rd St.	Waterman Ave.	Alabama St.
40th St.	Kendall Dr.	Waterman Ave.
4th St.	I-10	Etiwanda Ave.
5th Ave.- Sand Canyon Rd.	Wabash Ave.	Yucaipa Blvd.
Agua Mansa Rd.	Riverside Ave.	Rancho Ave.
Arrow Hwy.-8th St.	Los Angeles County Line	Mountain Ave.
Arrow Rte.	Grove Ave.	Milliken Ave.
Barton Rd.- Washington St.- Brookside Ave.- Citrus Ave.	La Cadena Dr.	Wabash Ave.
Bloomington Ave.	Cedar Ave.	Riverside Ave.
Carbon Canyon Rd.- Chino Hills Pkwy.	Orange County Line	Central Ave.
Colorado St.	Oak Glen Rd.	Wildwood Canyon Rd.
Colton Ave.- Inland Center Dr.	Mt. Vernon Ave.	E St.
Edison Ave.	SR-71	Euclid Ave.
Foothill Blvd.- 5th St.- Greenspot Rd.- Florida St.	Los Angeles County Line	Garnet St.
Grand Ave.	Los Angeles County Line	SR-71
Highland Ave.	Haven Ave.	SR-330
Holt Blvd.	Los Angeles County Line	I-10
Jurupa St.- Jurupa Ave.	I-15	Sierra Ave.
Live Oak Canyon Rd.	Riverside County Line	I-10
Lugonia Ave.- Mentone Blvd.- Mill Creek Rd.	Orange St.	Bryant St.
Merrill Ave.- Mill St.	Riverside Ave.	Tippecanoe Ave.
Mission Blvd.	Los Angeles County Line	Riverside County Line
Oak Glen Rd.	I-10	Bryant St.
Redlands Blvd.	Hunts Ln.	I-10
Riverside Dr.	SR-71	Euclid Ave.
San Bernardino Ave.	Tippecanoe Ave.	Orange St.
Washington St.	Mt. Vernon Ave.	Barton Rd.
Wildwood Canyon Rd.	Colorado St.	Bryant St.
Yucaipa Blvd.	I-10	Bryant St.
North-South Arterial (Valley)	Beginning	Ending
14th St.	Yucaipa Blvd.	Oak Glen Rd.
Alabama St.	San Bernardino Ave.	Barton Rd.
Alder Ave.	Base Line Rd.	I-10
Archibald Ave.	SR-60	Riverside County Line
Archibald Ave.	19th St.	I-10
Bryant St.	Mill Creek Rd.	Riverside County Line
Cajon Blvd.	I-215	Mt. Vernon Ave.
California St.- San Timoteo Canyon Rd.	San Bernardino Ave.	Riverside County Line
Cedar Ave.	Baseline Rd.	Riverside County Line
Central Ave.	Foothill Blvd.	SR-71
Cherry Ave.	I-15	Jurupa Ave.
Citrus Ave.	I-15	Jurupa Ave.
Del Rosa Dr.- Del Rosa Ave.	SR-30	3rd St.
E St.	Kendall Dr.	Hunts Ln.
Etiwanda Ave.	4th St.	Riverside County Line
Euclid Ave.	19th St.	SR-71

Table A-3
COUNTY OF SAN BERNARDINO CMP ROADWAY SYSTEM

North-South Arterial (Valley)	Beginning	Ending
Garnet St.	Florida St.	Mill Creek Rd.
Grove Ave.	Arrow Rte.	4th St.
Haven Ave.	Highland Ave.	I-10
Hunts Ln.	E St.	Washington St.
Kendall Rd.	I-215	E St.
La Cadena Dr.	Rancho Ave.	Riverside County Line
Milliken Ave.	Highland Ave.	I-10
Monte Vista Ave.	Foothill Blvd.	I-10
Mountain Ave.	19th St.	Edison Ave.
Mountain View Ave.	San Bernardino Ave.	Barton Rd.
Mt. Vernon Ave.	I-215	Washington St.
Mt. Vernon Ave.	Highland Ave.	Washington St.
Mulberry Ave.	Jurupa Ave.	Riverside County Line
Orange St.- Boulder Ave.	Highland Ave.	Citrus Ave.
Palm Ave.	Highland Ave.	3rd St.
Pepper Ave.	Baseline Rd.	I-10
Rancho Ave.	Foothill Blvd.	La Cadena Dr.
Reche Canyon Rd.	Washington St.	Riverside County Line
Riverside Ave.	Sierra Ave.	Riverside County Line
Sierra Ave.	I-15	Riverside County Line
Tippecanoe Ave. - Anderson St.	Mill St.	Redlands Blvd.
Victoria Ave.	Highland Ave.	3rd St.
Wabash Ave.	Lugonia Ave.	I-10
Waterman Ave.	40th St.	Washington St.
Arterial (Victor Valley)	Beginning	Ending
Arrowhead Lake Rd.	SR-173	Main St.
Bear Valley Rd.	I-15	SR-18
El Mirage Rd.		US-395
Hesperia Rd.	Los Angeles County Line	Bear Valley Rd.
Main St.	Main St.	Arrowhead Lake Rd.
Palmdale Rd.	I-15	I-15
Phelan Rd.	Los Angeles County Line	US-395
Sheep Creek Rd.	SR-138	El Mirage Rd.
SR-18	SR-138	Bear Valley Rd.
US-395	I-15	El Mirage Rd.
	I-15	
Arterial (Barstow)	Beginning	Ending
Barstow	Main St.	SR-18
Main St.	I-40	I-15
Old Highway 58	I-15	SR-58
Arterial (Needles)	Beginning	Ending
Needles Highway	Nevada State Line	I-40
Two-lane and Multi-lane Highways (Suburban & Rural)		

Table A-3
COUNTY OF SAN BERNARDINO CMP ROADWAY SYSTEM

Rural)

SR-127
SR-138
SR-173
SR-18
SR-189
SR-2
SR-247
SR-330
SR-38
SR-58
SR-62
SR-83
US-395
US-95

Freeways (San Bernardino County)

I-10
I-15
I-215
I-40
SR-178
SR-30/210
SR-60
SR-71

TABLE A-4
SAN BERNARDINO COUNTY CMP

**SEGMENT
LEVEL OF SERVICE**

Table A-4
SAN BERNARDINO COUNTY CMP SEGMENT LEVEL OF SERVICE

*These segment to be replaced in 2002 by intersection traffic signal and/or 4-way stop analysis

**Travel

DNS = Data Not Submitted

Jurisdiction	On	Between	Distance	Number of Signals	Number of Sig/Mile	Number of Lanes (TW)	AM Volume	PEAK LOS	PM Volume	PEAK LOS	
North-South											
*Chino	Central	Chino Hills & Riverside	2.50	4	1.60	4	DNS	DNS	DNS	DNS	
*Upland/SB County	Central	Arrow & Foothill	0.90	2	2.20	4	1106	A	1363	B	
*Chino/Ontario	Mountain	SR-60 & Mission	2.08	5	2.40	4	893	B	1034	B	
*Ontario	Mountain	Mission & Holt	0.23	1	4.35	4	1062	D	1294	D	
*Ontario	Mountain	Holt & 4 th	1.00	5	5.00	4	935	D	1578	E	
*Ontario/Upland	Mountain	4 th & 8 th	1.00	5	9.00	4	785	E	1553	E	
*Upland	Mountain	8 th & Foothill	1.00	2	2.00	4	NB=B SB = B			NB=D SB = B	
*Upland	Mountain	Foothill & 16 th	1.00	4	4.00	4	NB = A SB = B			NB = C SB = C	
*Caltrans	Mountain (SR-30)	16 th & 19 th	0.75	3	4.00	4	DNS	DNS	DNS	DNS	
Caltrans	Euclid (SR-83)	SR-71 & Edison	4.75	2	0.42	2-4	DNS	DNS	DNS	DNS	
*Caltrans	Euclid (SR-83)	Edison & Riverside	1.48	3	2.03	4	DNS	DNS	DNS	DNS	
*Caltrans	Euclid (SR-83)	Riverside&SR-60 EB Ramp	0.72	2	2.78	4	DNS	DNS	DNS	DNS	
*Caltrans	Euclid (SR-83)	SR-60 EB Ramp & Mission	1.60	4	2.50	4	DNS	DNS	DNS	DNS	
*Rancho Cucamonga	Archibald	Base Line & 19 th	0.75	1	1.34	4	792	A	900	A	
*Rancho Cucamonga	Haven	Base Line & 19 th	0.73	2	2.73	5	872	C	1330	C	
*Ontario	Milliken	I-10 & 4 th	0.76	1	1.32	6	929	A	1567	A	
*Rancho Cucamonga	Milliken	Foothill & Base Line	1.04	3	2.88	6	1064	C	1116	C	
*Rancho Cucamonga	Milliken	Base Line & Highland	0.99	4	4.04	6	DNS	DNS	DNS	DNS	
*Ontario	Etiwanda	SCL & I-10	2.31	4	1.73	4	800	B	927	B	
*SB County	Cedar	Jurupa & Slover	1.00	1	1.00	4	620	A	770	A	
*SB County	Cedar	Slover & Valley	0.50	3	6.00	4	1739	E	2182	F	
*SB County/Rialto	Cedar	San Bernardino & Merrill	1.05	1	0.95	2	DNS	DNS	DNS	DNS	
*Rialto	Cedar	Merrill & Rialto	0.50	1	2.00	2	DNS	DNS	DNS	DNS	
*Rialto	Cedar	Rialto & Foothill	0.50	1	2.00	2	DNS	DNS	DNS	DNS	
*Rialto	Cedar	Foothill & Base Line	1.00	2	2.00	2	DNS	DNS	DNS	DNS	
*Rialto	Ayala	Base Line & Highland	1.05	2	1.90	2	180	A	158	A	

Table A-4
SAN BERNARDINO COUNTY CMP SEGMENT LEVEL OF SERVICE

*These segment to be replaced in 2002 by intersection traffic signal and/or 4-way stop analysis

**Travel

DNS = Data Not Submitted

Jurisdiction	On	Between	Distance	Number of Signals	Number of Sig/Mile	Number of Lanes (TW)	AM Volume	PEAK LOS	PM Volume	PEAK LOS
*Rialto	Riverside	Jurupa & Slover	1.05	3	2.86	4	695	C	806	C
*Rialto	Riverside	San Bernardino & Mill	1.00	2	2.00	4	966	B	1300	C
*Rialto	Riverside	Merrill/Mill & Rialto	0.40	1	2.50	4	618	B	875	B
*Rialto	Riverside	Rialto & Foothill	0.60	2	3.33	4	630	C	842	C
*Rialto	Riverside	Foothill & Base Line	1.00	2	2.00	4	642	B	822	B
*Rialto	Riverside	Baseline & Highland	1.00	2	2.00	4	684	B	809	B
*Rialto	Riverside	Highland & Sierra	4.05	3	0.74	4	649	A	469	A
*SB City	Pepper	Mill & Rialto	0.50	1	2.00	4	764	B	760	B
*SBCity/Rialto	Pepper	Rialto & Foothill	0.50	1	2.00	4	654	B	684	B
*SB City	Mt. Vernon	Mill & Rialto	0.60	2	3.33	4	568	C	625	C
*SB City	Mt. Vernon	Baseline & Highland	1.01	2	1.98	4	329	B	618	B
*Colton	Mt. Vernon	Washington & Colton	1.85	5	2.70	4	334	C	731	C
*Colton/SB City	Mt. Vernon	Colton & Mill	1.30	3	2.31	4	486	B	584	B
*Colton/SB City	Hunts Ln	Barton & Redlands	0.83	2	2.41	2	621	C	745	D
*SB City	Hunts Ln & E	Redlands & Mill	2.27	6	2.64	4	640	C	998	C
*SB City	"E" Street	Mill & Rialto	0.60	1	1.67	4	317	A	741	A
*SB City	"E" Street	Baseline & Highland	1.00	3	3.00	4	564	C	621	C
*SB City	W#aterman	Barton & Redlands	1.00	4	4.00	4	1000	D	969	D
*SB City	Waterman	Redlands & Mill	2.05	4	1.95	4	1180	C	1410	C
*SB City	Waterman	3 rd & 5 th	0.24	2	8.33	6	828	D	1210	D
*SB City	Waterman	Baseline & Highland	1.00	3	3.00	4	939	C	1186	D
*SB City	Tippecanoe	San Bernardino & Mill	1.00	1	1.00	4	847	A	1070	B
*Redlands	Alabama	Barton & Redlands	1.00	4	1.00	4	DNS	DNS	DNS	DNS
SB County/Rdl/Hglnd	Alabama/Palm	San Bernardino & 3 rd	2.07	1	0.48	4	295	A	330	A
*Highland	Palm	5 th & Baseline	0.90	1	1.11	4	981	A	961	A
*Highland/SB City	Palm	Baseline & Highland	1.01	3	2.97	4	603	C	704	C
Yucaipa/SB County	Bryant	Yucaipa & Rt. 38	3.54	1	0.28	2	322	B	330	B
SB City/SB County	Cajon Blvd.	Highland & I-215	6.80	0	0.00	2	385	A	392	A
*Highland/SB City	Del Rosa Drive	5 th & Baseline	0.95	3	3.16	2	188	C	634	C
*SB City/Highland	Sterling Avenue	5 th & Baseline	0.93	2	2.15	4	350	A	517	A
*Highland/SB City	Sterling Avenue	Baseline & Highland	1.00	2	2.00	4	437	A	623	A

Table A-4
SAN BERNARDINO COUNTY CMP SEGMENT LEVEL OF SERVICE

*These segment to be replaced in 2002 by intersection traffic signal and/or 4-way stop analysis

**Travel

DNS = Data Not Submitted

Jurisdiction	On	Between	Distance	Number of Signals	Number of Sig/Mile	Number of Lanes (TW)	AM Volume	PEAK LOS	PM Volume	PEAK LOS
Hghlnd/SB County/Rdl	Green Spot/ Florida/ Garnet	Boulder & SR-38	6.74	1	0.15	2	DNS	DNS	DNS	DNS
East-West										
*Caltrans	19 th (SR-30)	Mountain & Euclid	1.10	0	0.00	2	DNS	DNS	DNS	DNS
*Caltrans	19 th (SR-30)	Euclid & Archibald	3.18	4	1.26	2	DNS	DNS	DNS	DNS
*Caltrans	19 th (SR-30)	Archibald & Haven	1.18	1	0.85	4	DNS	DNS	DNS	DNS
*Caltrans	Highland (SR-30)	Haven & Milliken	1.00	1	1.00	2	DNS	DNS	DNS	DNS
*Caltrans	Highland (SR-30)	Milliken & Etiwanda	1.93	2	1.04	2	DNS	DNS	DNS	DNS
Caltrans	Highland (SR-30)	Etiwanda & Cherry	2.01	1	0.50	2	DNS	DNS	DNS	DNS
Caltrans	Highland (SR-30)	Cherry & Citrus	2.04	0	0.00	2	DNS	DNS	DNS	DNS
*Caltrans	Highland (SR-30)	Citrus & Sierra	1.00	1	0.33	2	DNS	DNS	DNS	DNS
Caltrans	Highland (SR-30)	Sierra & Cedar (Ayala)	2.25	0	0.00	2	DNS	DNS	DNS	DNS
*Caltrans	Highland (SR-30)	Cedar (Ayala) & Riverside	1.50	1	0.27	2	DNS	DNS	DNS	DNS
Caltrans	Highland (SR-30)	Riverside & Mt. Vernon	2.95	7	2.37	4	DNS	DNS	DNS	DNS
*Caltrans	Highland (SR-30)	SR 30 (EB Ramp)&Boulder	2.30	6	2.61	4	DNS	DNS	DNS	DNS
*SB City	Highland	Mt. Vernon & E Street	1.10	7	6.36	4	686	D	1056	D
*Caltrans	16 th (SR-30)	SB Cnty Line & Mountain					DNS	DNS	DNS	DNS
Upland	16 th	Mountain & Euclid	1.10	2	1.80	4	EB = B	EB = C**	WB = B**	WB = C**
*Upland	16 th	Euclid & Cornelian	2.00	7	3.50	4	EB = A**	EB = B**	WB = B**	WB = A**
*Rancho Cucamonga	Base Line	Milliken & Etiwanda	1.96	3	1.53	4	1081	B	1101	B
*Rancho Cucamonga	Base Line	Etiwanda & ECL	0.49	1	2.93	4	966	B	996	B
*Rialto	Base Line	Cedar & Riverside	1.50	4	2.67	4	524	C	636	C
*Rialto	Base Line	Riverside & Pepper	1.00	4	4.00	4	825	C	692	C
*Rialto/SB City	Base Line	Pepper & Mt. Vernon	2.10	3	1.43	4	624	A	996	A
*SB City/Highland	Base Line	Waterman & Sterling	1.99	6	3.02	4	528	C	926	C
*Highland	Base Line	Sterling & Palm	2.03	6	2.86	4	424	A	586	A
*Highland	Base Line	Palm & Boulder	0.78	2	2.56	4	401	A	596	A
*Caltrans	Foothill (SR-66)	Archibald & Haven	1.18	2	1.69	4	DNS	DNS	DNS	DNS

Table A-4
SAN BERNARDINO COUNTY CMP SEGMENT LEVEL OF SERVICE

*These segment to be replaced in 2002 by intersection traffic signal and/or 4-way stop analysis

**Travel

DNS = Data Not Submitted

Jurisdiction	On	Between	Distance	Number of Signals	Number of Sig/Mile	Number of Lanes (TW)	AM Volume	PEAK LOS	PM Volume	PEAK LOS
*Caltrans	Foothill (SR-66)	Etiwanda & Cherry	2.00	2	1.00	4	DNS	DNS	DNS	DNS
Caltrans	Foothill (SR-66)	Cherry & Citrus	2.03	1	0.09	4	DNS	DNS	DNS	DNS
*Caltrans	Foothill (SR-66)	Citrus & Sierra	1.01	2	1.98	4	DNS	DNS	DNS	DNS
*Caltrans	Foothill (SR-66)	Cedar & Riverside	1.50	4	2.66	4	DNS	DNS	DNS	DNS
*Caltrans	Foothill (SR-66)	Pepper & Mt. Vernon	2.10	6	2.86	4	DNS	DNS	DNS	DNS
*SB City/SB Co./Highland.	5 th Street	Waterman & Del Rosa	1.50	2	1.33	4	460	A	832	A
*Highland/SB City	5 th Street	Del Rosa & Sterling	0.45	1	2.22	4	475	B	505	B
Highland/SB City	5 th Street	Sterling & Palm	4.02	2	0.49	4	395	A	452	A
*Highland	5 th Street	Palm & Boulder	0.78	3	3.80	4	474	C	435	C
*Upland	8 th	Central & Mountain	1.10	2	1.83	4-2	EB = B WB = C		EB = C WB = B	
*Rancho Cucamonga	Arrow	Grove & Baker	0.49	1	2.04	2	DNS	DNS	DNS	DNS
*Rancho Cucamonga	Arrow	Baker & Vineyard	0.49	1	2.04	4	550	A	971	A
*Rancho Cucamonga	Arrow	Vineyard & Archibald	1.00	2	2.04	4	806	B	1086	B
*Rancho Cucamonga	Arrow	Archibald & Haven	0.48	2	2.04	4	692	B	1048	B
*Rancho Cucamonga	Arrow	Haven & Milliken	1.14	2	1.75	4	802	B	981	B
*Ontario/Rancho Cucamonga	4 th	Vineyard & Archibald	1.00	1	1.00	4	607	A	685	A
*Ontario/R. Cucamonga	4 th	Archibald & Haven	1.00	2	2.00	4	510	A	907	A
*Ontario/R. Cucamonga	4 th	Haven & Milliken	1.00	1	1.00	4	443	A	686	A
*Ontario/R. Cucamonga	4 th	Milliken & Etiwanda	1.98	1	0.51	4	438	A	557	A
*SB City	San Bernardino	Tippecanoe & Mt. View	0.90	1	1.11	4	535	A	423	A
*Redlands	San Bernardino	Mt. View & California	1.00	0	0.00	2	DNS	DNS	DNS	DNS
*SB Co.	San Bernardino	California & Alabama	0.95	0	0.00	2	341	A	354	A
*SB Co./Redlands	San Bernardino	Alabama & SR-30	0.50	1	2.00	2	244	B	339	B
*Redlands	San Bernardino	SR-30 & Orange	1.00	1	2.00	2	DNS	DNS	DNS	DNS
*Ontario	Holt	WCL & Mountain	1.16	1	0.86	4	921	A	1164	B
*Ontario	Holt	Grove & Vineyard	1.00	1	1.00	4	940	A	1534	C
*Ontario	Holt	Vineyard & Guasti	0.30	1	3.33	4	986	C	921	C
*San Bernardino County	Mission	Central & Benson	0.50	1	2.00	4	1230	B	1440	B

Table A-4
SAN BERNARDINO COUNTY CMP SEGMENT LEVEL OF SERVICE

*These segment to be replaced in 2002 by intersection traffic signal and/or 4-way stop analysis

**Travel

DNS = Data Not Submitted

Jurisdiction	On	Between	Distance	Number of Signals	Number of Sig/Mile	Number of Lanes (TW)	AM Volume	PEAK LOS	PM Volume	PEAK LOS
*Ontario	Mission	WCL & Mountain	1.16	1	0.86	4	817	C	1013	C
*Ontario	Mission	Euclid & Grove	1.33	4	3.01	4	752	C	934	C
*Ontario	Mission	Grove & Vineyard	1.10	1	0.91	4	1156	B	1169	B
*Ontario	Mission	Vineyard & Archibald	1.10	1	0.91	4	1119	B	1102	B
Ontario	Mission	Archibald & Milliken	2.16	2	0.93	4	636	A	821	A
*SB Co./Chino	Riverside	East End & Central	2.00	5	2.50	4	DNS	DNS	DNS	DNS
*Chino	Riverside	Mountain & Euclid	1.05	1	1.05	4	DNS	DNS	DNS	DNS
*SB Co.	Riverside	Euclid & Grove	0.77	1	0.77	4	632	A	979	A
*SB Co/Chino/Ch Hills	Chino Hills	SR-71 & Central	0.83	1	0.83	4	DNS	DNS	DNS	DNS
*SB Co./SB City/Hgld	3 rd	Waterman & Del Rosa	1.53	3	1.96	4	669	A	593	A
*Highland/SB City	3 rd	Del Rosa & Sterling	0.52	1	1.92	4	836	A	817	A
*SB City/Highland	3 rd	Sterling & Palm	2.00	2	1.00	4	597	A	631	A
*Chino	Edison	Rte 71 & Central	1.80	3	1.67	4	DNS	DNS	DNS	DNS
Chino	Edison	Central & Euclid	2.16	1	0.46	2	1132	A	1084	A
Caltrans	SR-38	Orange & Wabash	2.45	1	0.41	2	DNS	DNS	DNS	DNS
Caltrans	SR-38	Wabash & Garnet	2.35	0	0.00	2	DNS	DNS	DNS	DNS
Caltrans	SR-38	Garnet & Bryant	3.10	0	0.00	2	DNS	DNS	DNS	DNS
SB County/Yucaipa	5 th /Sand Cyn	Wabash & Yucaipa	2.55	0	0.00	2-4			350	A
*Yucaipa	Yucaipa	I-10 WB Ramp & 14 th	1.50	1	0.66	4	1046	B	1253	B
*Yucaipa	Yucaipa	14 th & Oak Glen	1.35	2	1.48	4	1217	B	1675	B
*Yucaipa	County Line Road	I-10 WB Ramp & Bryant	1.75	1	0.57	2	519	A	462	A
Yucaipa	Avenue F	I-10 WB Ramp & Bryant	3.85	0	0.00	2	297	A	227	A
*Redlands	Redlands	Alabama & Citrus	1.95	6	3.07	4	DNS	DNS	DNS	DNS
*Redlands	Redlands	Citrus & Ford	1.75	6	3.43	4	DNS	DNS	DNS	DNS
*Redlands	Bar./Brook./Cit.	Alabama & Redlands	2.05	4	1.95	4	DNS	DNS	DNS	DNS
*Redlands	Citrus	Redlands & I-10	0.60	4	6.66	4	DNS	DNS	DNS	DNS
*Redlands	Citrus	I-10 & Wabash	2.10	2	0.95	4	DNS	DNS	DNS	DNS
*Rialto/SB City	Merrill/Mill	Riverside & Pepper	0.95	4	4.20	2	349	C	396	C
*SB City/Colton	Mill	Pepper & Rancho	1.00	2	2.00	2	411	B	435	B
*Colton/SB City	Mill	Rancho & Mt. Vernon	1.10	2	1.81	2	416	B	512	B
*Ontario/Fontana	Jurupa	I-15 & Etiwanda	1.52	2	1.32	4	1025	A	858	A

Table A-4
SAN BERNARDINO COUNTY CMP SEGMENT LEVEL OF SERVICE

*These segment to be replaced in 2002 by intersection traffic signal and/or 4-way stop analysis

**Travel

DNS = Data Not Submitted

Jurisdiction	On	Between	Distance	Number of Signals	Number of Sig/Mile	Number of Lanes (TW)	AM Volume	PEAK LOS	PM Volume	PEAK LOS
Victor Valley & Barstow										
Hesperia/SB Co.	Arrowhead Lake Road	SR-173 & Ranchero Rd	2.70	0	0.00	2	294	B	457	C
Hesperia	Arrowhead Lake Road	Rock Springs & S. City Limit	3.20	0	0.00	2	294	B	457	C
*Apple Valley	Bear Valley Road	Kiowa & Navajo	1.00	1	1.00	4	1350	A	1650	C
Apple Valley/SB Co.	Bear Valley Road	Navajo & SR-18	3.70	1	0.27	4	470	A	521	A
SB County	El Mirage	LA/SB Co. Ln & Sheep Crk Rd	5.20	0	0.00	2	182	A	264	A
SB Co./Adelanto	El Mirage	Sheep Crk Rd & SR-395	9.20	0	0.00	2	125	A	166	A
Caltrans	Palmdale (SR-18)	LA/SB Co. Ln & SR-395	15.00	0	0.00	2	DNS	DNS	DNS	DNS
Caltrans	Palmdale (SR-18)	SR-395 & Amargosa Rd	4.00	0	0.00	2	DNS	DNS	DNS	DNS
*Caltrans	Palmdale (SR-18)	Amargosa Rd & I-15 (SB)	0.40	1	2.50	4	DNS	DNS	DNS	DNS
SB County	Phelan	SR-138 & Sheep Creek Rd	2.60	0	0.00	2	221	A	306	A
SB County	Phelan	Sheep Crk Rd & Baldy Mesa	7.10	2	0.00	2	613	A	646	A
SB County	Phelan	Baldy Mesa & SR-395	2.64	1	0.38	2	460	A	557	A
*Caltrans	SR-18	Apl Valy Rd & Apl Valy Inn Rd	3.50	3	0.86	4	DNS	DNS	DNS	DNS
*Caltrans	SR-18	Apl Valy Inn Rd & Yucca Loma	2.10	2	0.95	4	DNS	DNS	DNS	DNS
Caltrans	SR-18	Yucca Loma & Bear Valy Rd	4.50	1	0.22	4-2	DNS	DNS	DNS	DNS
SB County	Sheep Creek Rd	El Mirage & Palmdale	7.00	0	0.00	2	81	A	103	
SB County	Sheep Creek Rd	Palmdale & Phelan	5.70	0	0.00	2	250	A	320	A
SB County	Sheep Creek Rd	Phelan & SR-138	2.00	0	0.00	2	317	A	422	A
Caltrans	SR-395	El Mirage & George AFB Rd	2.10	0	0.00	2				
Caltrans	SR-395	GAFB Rd & Palmdale (SR-18)	4.50	0	0.00	2				
Caltrans	SR-395	Palmdale (SR-18) & I-15	7.20	0	0.00	2				
Caltrans	SR-58	Ft Irwin(S) & I-15	3.19	0	0.00	2				

Table A-5

SAN BERNARDINO COUNTY CMP FREEWAY LEVEL OF SERVICE

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-10-0.0/R39.16
CMP01-SD10PHV_00.xls

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 10 PEAK HOUR VOLUMES

Basic Freeway Segments		PM PEAK HOUR VOLUME				AM PEAK HOUR VOLUME					
From	To	Two-Way Volume	EASTBOUND		WESTBOUND		Two-Way Volume	WESTBOUND		EASTBOUND	
			DS	VOL.	DS	VOL.		DS	VOL.	DS	VOL.
LA COUNTY LINE	MONTE VISTA AVE	15700	55.0	8640	45.0	7060	15700	55.0	8640	45.0	7060
MONTE VISTA AVE	CENTRAL AVENUE	15300	55.0	8420	45.0	6880	15300	55.0	8420	45.0	6880
CENTRAL AVENUE	MOUNTAIN AVENUE	15300	55.0	8420	45.0	6880	15300	55.0	8420	45.0	6880
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	15700	55.0	8640	45.0	7060	15700	55.0	8640	45.0	7060
JCT RTE 83/EUCLID AVE	FOURTH STREET	15200	55.0	8360	45.0	6840	15200	55.0	8360	45.0	6840
FOURTH STREET	VINEYARD AVENUE	15000	55.0	8250	45.0	6750	15000	55.0	8250	45.0	6750
VINEYARD AVENUE	ARCHIBALD AVENUE	15100	55.0	8310	45.0	6790	15100	55.0	8310	45.0	6790
ARCHIBALD AVENUE	HAVEN AVENUE	16200	55.0	8910	45.0	7290	16200	55.0	8910	45.0	7290
HAVEN AVENUE	MILLIKEN AVENUE	16200	55.0	8910	45.0	7290	16200	55.0	8910	45.0	7290
MILLIKEN AVENUE	JCT. RTE 15	16200	55.0	8910	45.0	7290	16200	55.0	8910	45.0	7290
JCT. RTE 15	ETIWANDA AVENUE	13700	55.0	7540	45.0	6160	13700	55.0	7540	45.0	6160
ETIWANDA AVENUE	CHERRY AVENUE	16300	50.0	8150	50.0	8150	16300	50.0	8150	50.0	8150
CHERRY AVENUE	CITRUS AVENUE	16200	50.0	8100	50.0	8100	16200	50.0	8100	50.0	8100
CITRUS AVENUE	SIERRA AVENUE	15900	50.0	7950	50.0	7950	15900	50.0	7950	50.0	7950
SIERRA AVENUE	CEDAR AVENUE	15100	50.0	7550	50.0	7550	15100	50.0	7550	50.0	7550
CEDAR AVENUE	RIVERSIDE AVENUE	14400	55.0	7920	45.0	6480	14400	55.0	7920	45.0	6480
RIVERSIDE AVENUE	PEPPER AVENUE	14300	55.0	7870	45.0	6430	14300	55.0	7870	45.0	6430
PEPPER AVENUE	RANCHO AVENUE	14200	55.0	7810	45.0	6390	14200	55.0	7810	45.0	6390
RANCHO AVENUE	NINTH STREET	14000	55.0	7700	45.0	6300	14000	55.0	7700	45.0	6300
NINTH STREET	MT. VERNON AVENUE	13800	55.0	7590	45.0	6210	13800	55.0	7590	45.0	6210
MT. VERNON AVENUE	JCT. RTE 215	13600	55.0	7480	45.0	6120	13600	55.0	7480	45.0	6120
JCT. RTE 215	WATERMAN AVENUE	15500	57.5	8910	42.5	6590	15500	57.5	8910	42.5	6590
WATERMAN AVENUE	TIPPECANOE AVENUE	14200	57.5	8170	42.5	6030	14200	57.5	8170	42.5	6030
TIPPECANOE AVENUE	MOUNTAIN VIEW AVENUE	14100	57.5	8110	42.5	5990	14100	57.5	8110	42.5	5990
MOUNTAIN VIEW AVENUE	CALIFORNIA STREET	14000	57.5	8050	42.5	5950	14000	57.5	8050	42.5	5950
CALIFORNIA STREET	JCT. RTE 30/ALABAMA	13800	60.0	8280	40.0	5520	13800	60.0	8280	40.0	5520
JCT. RTE 30/ALABAMA	ORANGE STREET/RTE 38	10800	60.0	6480	40.0	4320	10800	60.0	6480	40.0	4320
ORANGE STREET/RTE 38	SIXTH STREET	8700	60.0	5220	40.0	3480	8700	60.0	5220	40.0	3480
SIXTH STREET	UNIVERSITY STREET	9300	60.0	5580	40.0	3720	9300	60.0	5580	40.0	3720
UNIVERSITY STREET	CYPRESS AVENUE	7600	60.0	4560	40.0	3040	7600	60.0	4560	40.0	3040
CYPRESS AVENUE	FORD ST/MORRISON AVE	7900	60.0	4740	40.0	3160	7900	60.0	4740	40.0	3160
FORD ST/MORRISON AVE	REDLANDS BLVD	7100	60.0	4260	40.0	2840	7100	60.0	4260	40.0	2840
REDLANDS BLVD	WABASH AVENUE	7600	60.0	4560	40.0	3040	7600	60.0	4560	40.0	3040
WABASH AVENUE	YUCAIPA BLVD	7700	60.0	4620	40.0	3080	7700	60.0	4620	40.0	3080
YUCAIPA BLVD	LIVE OAK CANYON RD	6100	60.0	3660	40.0	2440	6100	60.0	3660	40.0	2440
LIVE OAK CANYON RD	COUNTY LINE RD(RIV.CO.)	5500	60.0	3300	40.0	2200	5500	60.0	3300	40.0	2200

San Bernardino County CMP, 2001 Update

November 14, 2000

08-SBD-10-0.0/R39.16

FILENAME: CMP01-10EBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 10 EASTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 for 70 mph
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	MONTE VISTA AVE	2200	4	8640	0.95	9095	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.07	F
MONTE VISTA AVE	CENTRAL AVENUE	2200	4	8420	0.95	8863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.04	F
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	4	8420	0.95	8863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.04	F
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	4	8640	0.95	9095	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.07	F
JCT RTE 83/EUCLID AVE	FOURTH STREET	2200	4	8360	0.95	8800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.03	F
FOURTH STREET	VINEYARD AVENUE	2200	5	8250	0.85	9706	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.91	E
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	5	8310	0.85	9776	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.92	E
ARCHIBALD AVENUE	HAVEN AVENUE	2200	5	8910	0.90	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
HAVEN AVENUE	MILLIKEN AVENUE	2200	5	8910	0.90	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
MILLIKEN AVENUE	JCT. RTE 15	2200	5	8910	0.90	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
JCT. RTE 15	ETIWANDA AVENUE	2200	4	7540	0.95	7937	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
ETIWANDA AVENUE	CHERRY AVENUE	2200	4	8150	0.97	8402	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
CHERRY AVENUE	CITRUS AVENUE	2200	4	8100	0.97	8351	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
CITRUS AVENUE	SIERRA AVENUE	2200	4	7950	0.97	8196	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.96	E
SIERRA AVENUE	CEDAR AVENUE	2200	4	7550	0.95	7947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
CEDAR AVENUE	RIVERSIDE AVENUE	2200	4	7920	0.95	8337	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
RIVERSIDE AVENUE	PEPPER AVENUE	2200	4	7870	0.95	8284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
PEPPER AVENUE	RANCHO AVENUE	2200	4	7810	0.95	8221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
RANCHO AVENUE	NINTH STREET	2200	4	7700	0.95	8105	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.95	E
NINTH STREET	MT. VERNON AVENUE	2200	4	7590	0.95	7989	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.94	E
MT. VERNON AVENUE	JCT. RTE 215	2200	5	7480	0.90	8311	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
JCT. RTE 215	WATERMAN AVENUE	2200	5	8910	0.85	10482	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
WATERMAN AVENUE	TIPPECANOE AVENUE	2200	4	8170	0.95	8600	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.01	F
TIPPECANOE AVENUE	MOUNTAIN VIEW AVENUE	2200	4	8110	0.95	8537	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E
MOUNTAIN VIEW AVENUE	CALIFORNIA STREET	2200	4	8050	0.95	8474	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E
CALIFORNIA STREET	JCT. RTE 30/ALABAMA	2200	5	8280	0.90	9200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D
JCT. RTE 30/ALABAMA	ORANGE STREET/RTE 38	2200	4	6480	0.85	7624	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.90	E
ORANGE STREET/RTE 38	SIXTH STREET	2200	3	5220	0.95	5495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D
SIXTH STREET	UNIVERSITY STREET	2200	3	5580	0.95	5874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.92	E
UNIVERSITY STREET	CYPRESS AVENUE	2200	3	4560	0.95	4800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
CYPRESS AVENUE	FORD ST/MORRISON AVE	2200	3	4740	0.95	4989	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
FORD ST/MORRISON AVE	REDLANDS BLVD	2200	3	4260	0.95	4484	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.70	C
REDLANDS BLVD	WABASH AVENUE	2200	3	4560	0.95	4800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
WABASH AVENUE	YUCAIPA BLVD	2200	3	4620	0.95	4863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
YUCAIPA BLVD	LIVE OAK CANYON RD	2200	3	3660	0.95	3853	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.60	C
LIVE OAK CANYON RD	COUNTY LINE RD(RIV.CO.)	2200	3	3300	0.95	3474	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.54	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-10-0/R39.16
Filename: 10WBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 10 WESTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume		Table 3-4		Table 3-7		Table 3-8			(for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	MONTE VISTA AVE	2200	4	7060	0.95	7432	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.87	D
MONTE VISTA AVE	CENTRAL AVENUE	2200	4	6880	0.95	7242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	4	6880	0.95	7242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	4	7060	0.95	7432	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.87	D
JCT RTE 83/EUCLID AVE	FOURTH STREET	2200	4	6840	0.95	7200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
FOURTH STREET	VINEYARD AVENUE	2200	5	6750	0.85	7941	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	5	6790	0.85	7988	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
ARCHIBALD AVENUE	HAVEN AVENUE	2200	5	7290	0.90	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
HAVEN AVENUE	MILLIKEN AVENUE	2200	5	7290	0.90	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
MILLIKEN AVENUE	JCT. RTE 15	2200	5	7290	0.90	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
JCT. RTE 15	ETIWANDA AVENUE	2200	4	6160	0.95	6484	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
ETIWANDA AVENUE	CHERRY AVENUE	2200	4	8150	0.97	8402	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
CHERRY AVENUE	CITRUS AVENUE	2200	4	8100	0.97	8351	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
CITRUS AVENUE	SIERRA AVENUE	2200	4	7950	0.97	8196	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.96	E
SIERRA AVENUE	CEDAR AVENUE	2200	4	7550	0.95	7947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
CEDAR AVENUE	RIVERSIDE AVENUE	2200	4	6480	0.95	6821	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
RIVERSIDE AVENUE	PEPPER AVENUE	2200	4	6430	0.95	6768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
PEPPER AVENUE	RANCHO AVENUE	2200	4	6390	0.95	6726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
RANCHO AVENUE	NINTH STREET	2200	4	6300	0.95	6632	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
NINTH STREET	MT. VERNON AVENUE	2200	4	6210	0.95	6537	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
MT. VERNON AVENUE	JCT. RTE 215	2200	5	6120	0.90	6800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.64	C
JCT. RTE 215	WATERMAN AVENUE	2200	5	6590	0.85	7753	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.73	C
WATERMAN AVENUE	TIPPECANOE AVENUE	2200	4	6030	0.95	6347	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
TIPPECANOE AVENUE	MOUNTAIN VIEW AVENUE	2200	4	5990	0.95	6305	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.74	C
MOUNTAIN VIEW AVENUE	CALIFORNIA STREET	2200	4	5950	0.95	6263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.74	C
CALIFORNIA STREET	JCT. RTE 30/ALABAMA	2200	5	5520	0.90	6133	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.58	C
JCT. RTE 30/ALABAMA	ORANGE STREET/RTE 38	2200	4	4320	0.85	5082	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.60	C
ORANGE STREET/RTE 38	SIXTH STREET	2200	3	3480	0.95	3663	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
SIXTH STREET	UNIVERSITY STREET	2200	3	3720	0.95	3916	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.61	C
UNIVERSITY STREET	CYPRESS AVENUE	2200	3	3040	0.95	3200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
CYPRESS AVENUE	FORD ST/MORRISON AVE	2200	3	3160	0.95	3326	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.52	_B
FORD ST/MORRISON AVE	REDLANDS BLVD	2200	3	2840	0.95	2989	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	_B
REDLANDS BLVD	WABASH AVENUE	2200	3	3040	0.95	3200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	_B
WABASH AVENUE	YUCAIPA BLVD	2200	3	3080	0.95	3242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.51	_B
YUCAIPA BLVD	LIVE OAK CANYON RD	2200	3	2440	0.95	2568	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.40	_B
LIVE OAK CANYON RD	COUNTY LINE RD(RIV.CO.)	2200	3	2200	0.95	2316	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.36	_B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-10-0/R39.16
Filename: 10WBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 10 WESTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 for 70 mph
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	MONTE VISTA AVE	2200	4	8640	0.95	9095	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.07	F
MONTE VISTA AVE	CENTRAL AVENUE	2200	4	8420	0.95	8863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.04	F
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	4	8420	0.95	8863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.04	F
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	4	8640	0.95	9095	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.07	F
JCT RTE 83/EUCLID AVE	FOURTH STREET	2200	4	8360	0.95	8800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.03	F
FOURTH STREET	VINEYARD AVENUE	2200	5	8250	0.85	9706	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.91	E
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	5	8310	0.85	9776	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.92	E
ARCHIBALD AVENUE	HAVEN AVENUE	2200	5	8910	0.90	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
HAVEN AVENUE	MILLIKEN AVENUE	2200	5	8910	0.90	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
MILLIKEN AVENUE	JCT. RTE 15	2200	5	8910	0.90	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
JCT. RTE 15	ETIWANDA AVENUE	2200	4	7540	0.95	7937	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
ETIWANDA AVENUE	CHERRY AVENUE	2200	4	8150	0.97	8402	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
CHERRY AVENUE	CITRUS AVENUE	2200	4	8100	0.97	8351	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
CITRUS AVENUE	SIERRA AVENUE	2200	4	7950	0.97	8196	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.96	E
SIERRA AVENUE	CEDAR AVENUE	2200	4	7550	0.95	7947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
CEDAR AVENUE	RIVERSIDE AVENUE	2200	4	7920	0.95	8337	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
RIVERSIDE AVENUE	PEPPER AVENUE	2200	4	7870	0.95	8284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
PEPPER AVENUE	RANCHO AVENUE	2200	4	7810	0.95	8221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
RANCHO AVENUE	NINTH STREET	2200	4	7700	0.95	8105	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.95	E
NINTH STREET	MT. VERNON AVENUE	2200	4	7590	0.95	7989	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.94	E
MT. VERNON AVENUE	JCT. RTE 215	2200	5	7480	0.90	8311	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
JCT. RTE 215	WATERMAN AVENUE	2200	5	8910	0.85	10482	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
WATERMAN AVENUE	TIPPECANOE AVENUE	2200	4	8170	0.95	8600	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.01	F
TIPPECANOE AVENUE	MOUNTAIN VIEW AVENUE	2200	4	8110	0.95	8537	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E
MOUNTAIN VIEW AVENUE	CALIFORNIA STREET	2200	4	8050	0.95	8474	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E
CALIFORNIA STREET	JCT. RTE 30/ALABAMA	2200	5	8280	0.90	9200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D
JCT. RTE 30/ALABAMA	ORANGE STREET/RTE 38	2200	4	6480	0.85	7624	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.90	E
ORANGE STREET/RTE 38	SIXTH STREET	2200	3	5220	0.95	5495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D
SIXTH STREET	UNIVERSITY STREET	2200	3	5580	0.95	5874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.92	E
UNIVERSITY STREET	CYPRESS AVENUE	2200	3	4560	0.95	4800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
CYPRESS AVENUE	FORD ST/MORRISON AVE	2200	3	4740	0.95	4989	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
FORD ST/MORRISON AVE	REDLANDS BLVD	2200	3	4260	0.95	4484	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.70	C
REDLANDS BLVD	WABASH AVENUE	2200	3	4560	0.95	4800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
WABASH AVENUE	YUCAIPA BLVD	2200	3	4620	0.95	4863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
YUCAIPA BLVD	LIVE OAK CANYON RD	2200	3	3660	0.95	3853	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.60	C
LIVE OAK CANYON RD	COUNTY LINE RD(RIV.CO.)	2200	3	3300	0.95	3474	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.54	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-10-0.0/R39.16
Filename: 10EBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 10 EASTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8		f(HV)	V/C	Table 3-1 (for 70 mph)
							C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)
LA COUNTY LINE	MONTE VISTA AVE	2200	4	7060	0.95	7432	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.87	D
MONTE VISTA AVE	CENTRAL AVENUE	2200	4	6880	0.95	7242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	4	6880	0.95	7242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	4	7060	0.95	7432	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.87	D
JCT RTE 83/EUCLID AVE	FOURTH STREET	2200	4	6840	0.95	7200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
FOURTH STREET	VINEYARD AVENUE	2200	5	6750	0.85	7941	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	5	6790	0.85	7988	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
ARCHIBALD AVENUE	HAVEN AVENUE	2200	5	7290	0.90	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
HAVEN AVENUE	MILLIKEN AVENUE	2200	5	7290	0.90	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
MILLIKEN AVENUE	JCT. RTE 15	2200	5	7290	0.90	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
JCT. RTE 15	ETIWANDA AVENUE	2200	4	6160	0.95	6484	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
ETIWANDA AVENUE	CHERRY AVENUE	2200	4	8150	0.97	8402	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
CHERRY AVENUE	CITRUS AVENUE	2200	4	8100	0.97	8351	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
CITRUS AVENUE	SIERRA AVENUE	2200	4	7950	0.97	8196	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.96	E
SIERRA AVENUE	CEDAR AVENUE	2200	4	7550	0.95	7947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
CEDAR AVENUE	RIVERSIDE AVENUE	2200	4	6480	0.95	6821	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
RIVERSIDE AVENUE	PEPPER AVENUE	2200	4	6430	0.95	6768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
PEPPER AVENUE	RANCHO AVENUE	2200	4	6390	0.95	6726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
RANCHO AVENUE	NINTH STREET	2200	4	6300	0.95	6632	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
NINTH STREET	MT. VERNON AVENUE	2200	4	6210	0.95	6537	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
MT. VERNON AVENUE	JCT. RTE 215	2200	5	6120	0.90	6800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.64	C
JCT. RTE 215	WATERMAN AVENUE	2200	5	6590	0.85	7753	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.73	C
WATERMAN AVENUE	TIPPECANOE AVENUE	2200	4	6030	0.95	6347	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.75	C
TIPPECANOE AVENUE	MOUNTAIN VIEW AVENUE	2200	4	5990	0.95	6305	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.74	C
MOUNTAIN VIEW AVENUE	CALIFORNIA STREET	2200	4	5950	0.95	6263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.74	C
CALIFORNIA STREET	JCT. RTE 30/ALABAMA	2200	5	5520	0.90	6133	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.58	C
JCT. RTE 30/ALABAMA	ORANGE STREET/RTE 38	2200	4	4320	0.85	5082	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.60	C
ORANGE STREET/RTE 38	SIXTH STREET	2200	3	3480	0.95	3663	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
SIXTH STREET	UNIVERSITY STREET	2200	3	3720	0.95	3916	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.61	C
UNIVERSITY STREET	CYPRESS AVENUE	2200	3	3040	0.95	3200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
CYPRESS AVENUE	FORD ST/MORRISON AVE	2200	3	3160	0.95	3326	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.52	B
FORD ST/MORRISON AVE	REDLANDS BLVD	2200	3	2840	0.95	2989	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B
REDLANDS BLVD	WABASH AVENUE	2200	3	3040	0.95	3200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
WABASH AVENUE	YUCAIPA BLVD	2200	3	3080	0.95	3242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.51	B
YUCAIPA BLVD	LIVE OAK CANYON RD	2200	3	2440	0.95	2568	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.40	B
LIVE OAK CANYON RD	COUNTY LINE RD(RIV.CO.)	2200	3	2200	0.95	2316	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.36	B

September 29, 2000
08-SBD-15-0.00/76.88

FILENAME: SBD15PHV_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 15 PEAK HOUR VOLUMES

Basic Freeway Segments		Two-Way Volume	PM PEAK HOUR VOLUME				AM PEAK HOUR VOLUME				
From	To		DS	VOL.	DS	VOL.	Two-Way Volume	DS	VOL.	DS	VOL.
RIV CO LINE	JURUPA AVENUE	13000	52.5	6830	47.5	6170	13000	52.5	6830	47.5	6170
JURUPA AVENUE	JCT. RTE 10	13300	52.5	6980	47.5	6320	13300	52.5	6980	47.5	6320
JCT. RTE 10	FOURTH STREET	11500	60.0	6900	40.0	4600	11500	60.0	6900	40.0	4600
FOURTH STREET	JCT. RTE 66	10200	60.0	6120	40.0	4080	10200	60.0	6120	40.0	4080
JCT. RTE 66	BASE LINE INTERCHANGE	8300	60.0	4980	40.0	3320	8300	60.0	4980	40.0	3320
BASE LINE INTERCHANGE	CHERRY AVENUE	7300	60.0	4380	40.0	2920	7300	60.0	4380	40.0	2920
CHERRY AVENUE	SIERRA AVENUE	6900	60.0	4140	40.0	2760	6900	60.0	4140	40.0	2760
SIERRA AVENUE	JCT. RTE 215	6800	60.0	4080	40.0	2720	6800	60.0	4080	40.0	2720
JCT. RTE 215	KENWOOD AVENUE	9200	62.5	5750	37.5	3450	9200	62.5	5750	37.5	3450
KENWOOD AVENUE	CLEGHORN ROAD	9200	62.5	5750	37.5	3450	9200	62.5	5750	37.5	3450
CLEGHORN ROAD	JCT. RTE 138	9500	62.5	5940	37.5	3560	9500	62.5	5940	37.5	3560
JCT. RTE 138	OAK HILL ROAD	7300	62.5	4560	37.5	2740	7300	62.5	4560	37.5	2740
OAK HILL ROAD	JCT. RTE 395 NORTH	6900	62.5	4310	37.5	2590	6900	62.5	4310	37.5	2590
JCT RTE 395 NORTH	JOSHUA ST./PALM AVE.	7000	60.0	4200	40.0	2800	7000	60.0	4200	40.0	2800
JOSHUA ST./PALM AVE.	PHELAN ROAD	7100	60.0	4260	40.0	2840	7100	60.0	4260	40.0	2840
PHELAN ROAD	BEAR VALLEY CUTOFF	6600	60.0	3960	40.0	2640	6600	60.0	3960	40.0	2640
BEAR VALLEY CUTOFF	JCT. RTE 18 WEST	6300	60.0	3780	40.0	2520	6300	60.0	3780	40.0	2520
JCT. RTE 18 WEST	MOJAVE DRIVE	6700	60.0	4020	40.0	2680	6700	60.0	4020	40.0	2680
MOJAVE DRIVE	JCT RTE 18 (D ST)	5900	60.0	3540	40.0	2360	5900	60.0	3540	40.0	2360
JCT RTE 18 (D ST)	E STREET	4800	65.0	3120	35.0	1680	4800	65.0	3120	35.0	1680
E STREET	S JCT STODDARD WELLS	4700	65.0	3060	35.0	1640	4700	65.0	3060	35.0	1640
S JCT STODDARD WELLS	N JCT STODDARD WELLS	4800	65.0	3120	35.0	1680	4800	65.0	3120	35.0	1680
N JCT STODDARD WELLS	BOULDER ROAD	4700	65.0	3060	35.0	1640	4700	65.0	3060	35.0	1640
BOULDER ROAD	WILD WASH	4700	65.0	3060	35.0	1640	4700	65.0	3060	35.0	1640
WILD WASH	HODGE ROAD	4800	65.0	3120	35.0	1680	4800	65.0	3120	35.0	1680
HODGE ROAD	OUTLET CENTER DR	4800	65.0	3120	35.0	1680	4800	65.0	3120	35.0	1680
OUTLET CENTER DR	LENWOOD ROAD	4800	65.0	3120	35.0	1680	4800	65.0	3120	35.0	1680
LENWOOD ROAD	WEST MAIN STREET	5100	65.0	3320	35.0	1780	5100	65.0	3320	35.0	1780
WEST MAIN STREET	JCT. RTE 247 SOUTH	5300	65.0	3450	35.0	1850	5300	65.0	3450	35.0	1850
JCT. RTE 247 SOUTH	JCT. RTE 40 EAST	5100	65.0	3320	35.0	1780	5100	65.0	3320	35.0	1780
JCT. RTE 40 EAST	EAST MAIN STREET	3300	65.0	2150	35.0	1150	3300	65.0	2150	35.0	1150
EAST MAIN STREET	JCT RTE 58 WEST	3850	65.0	2500	35.0	1350	3850	65.0	2500	35.0	1350

September 29, 2000
08-SBD-15-0.00/76.88

FILENAME: 15SBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)

ROUTE 15 SOUTHBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4	Table 3-7	Table 3-8			Table 3-1 (for 70 mph)			
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
RIV CO LINE	JURUPA AVENUE	2200	4	6170	0.95	6495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
JURUPA AVENUE	JCT. RTE 10	2200	4	6320	0.95	6653	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	D
JCT. RTE 10	FOURTH STREET	2200	4	4600	0.95	4842	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
FOURTH STREET	JCT. RTE 66	2200	4	4080	0.95	4295	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
JCT. RTE 66	BASE LINE INTERCHANGE	2200	4	3320	0.95	3495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
BASE LINE INTERCHANGE	CHERRY AVENUE	2200	4	2920	0.90	3244	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.38	B
CHERRY AVENUE	SIERRA AVENUE	2200	4	2760	0.95	2905	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.34	B
SIERRA AVENUE	JCT. RTE 215	2200	3	2720	0.95	2863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.45	B
JCT. RTE 215	KENWOOD AVENUE	2200	4	3450	0.90	3833	0.05	6	0.02	4	0.01	4	0.746	0.58	C
KENWOOD AVENUE	CLEGHORN ROAD	2200	4	3450	0.90	3833	0.05	6	0.02	4	0.01	4	0.746	0.58	C
CLEGHORN ROAD	JCT. RTE 138	2200	4	3560	0.90	3956	0.05	6	0.02	4	0.01	4	0.746	0.60	C
JCT. RTE 138	OAK HILL ROAD	2200	4	2740	0.90	3044	0.05	4	0.02	4	0.01	4	0.806	0.43	B
OAK HILL ROAD	JCT. RTE 395 NORTH	2200	4	2590	0.90	2878	0.05	4	0.02	4	0.01	4	0.806	0.41	B
JCT RTE 395 NORTH	JOSHUA ST./PALM AVE.	2200	3	2800	0.95	2947	0.05	2	0.02	2	0.01	2	0.926	0.48	B
JOSHUA ST./PALM AVE.	PHELAN ROAD	2200	3	2840	0.95	2989	0.05	2	0.02	2	0.01	2	0.926	0.49	B
PHELAN ROAD	BEAR VALLEY CUTOFF	2200	3	2640	0.90	2933	0.05	2	0.02	2	0.01	2	0.926	0.48	B
BEAR VALLEY CUTOFF	JCT. RTE 18 WEST	2200	3	2520	0.90	2800	0.05	2	0.02	2	0.01	2	0.926	0.46	B
JCT. RTE 18 WEST	MOJAVE DRIVE	2200	3	2680	0.90	2978	0.05	2	0.02	2	0.01	2	0.926	0.49	B
MOJAVE DRIVE	JCT RTE 18 (D ST)	2200	3	2360	0.90	2622	0.05	2	0.02	2	0.01	2	0.926	0.43	B
JCT RTE 18 (D ST)	E STREET	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
E STREET	S JCT STODDARD WELLS	2200	2	1640	0.95	1726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
S JCT STODDARD WELLS	N JCT STODDARD WELLS	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
N JCT STODDARD WELLS	BOULDER ROAD	2200	2	1640	0.95	1726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
BOULDER ROAD	WILD WASH	2200	2	1640	0.95	1726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
WILD WASH	HODGE ROAD	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
HODGE ROAD	OUTLET CENTER DR	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
OUTLET CENTER DR	LENWOOD ROAD	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
LENWOOD ROAD	WEST MAIN STREET	2200	2	1780	0.95	1874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.44	B
WEST MAIN STREET	JCT. RTE 247 SOUTH	2200	2	1850	0.95	1947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.46	B
JCT. RTE 247 SOUTH	JCT. RTE 40 EAST	2200	2	1780	0.95	1874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.44	B
JCT. RTE 40 EAST	EAST MAIN STREET	2200	2	1150	0.95	1211	0.05	6	0.02	1.2	0.01	1.5	0.794	0.35	B
EAST MAIN STREET	JCT RTE 58 WEST	2200	2	1350	0.95	1421	0.05	3	0.02	1.2	0.01	1.5	0.902	0.36	B

San Bernardino County CMP, 2001 Update

September 29, 2000
08-SBD-15-0.00/76.88
FILENAME: 15NBPM_00.xls

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 15 NORTHBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 for 70 mph
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
RIV CO LINE	JURUPA AVENUE	2200	4	6830	0.95	7189	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.84	D
JURUPA AVENUE	JCT. RTE 10	2200	4	6980	0.95	7347	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D
JCT. RTE 10	FOURTH STREET	2200	4	6900	0.95	7263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
FOURTH STREET	JCT. RTE 66	2200	4	6120	0.95	6442	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
JCT. RTE 66	BASE LINE INTERCHANGE	2200	4	4980	0.95	5242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.62	C
BASE LINE INTERCHANGE	CHERRY AVENUE	2200	4	4380	0.90	4867	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
CHERRY AVENUE	SIERRA AVENUE	2200	4	4140	0.95	4358	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.51	B
SIERRA AVENUE	JCT. RTE 215	2200	3	4080	0.95	4295	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.67	C
JCT. RTE 215	KENWOOD AVENUE	2200	4	5750	0.90	6389	0.05	4	0.02	4	0.01	4	0.806	0.90	E
KENWOOD AVENUE	CLEGHORN ROAD	2200	4	5750	0.90	6389	0.05	4	0.02	4	0.01	4	0.806	0.90	E
CLEGHORN ROAD	JCT. RTE 138	2200	4	5940	0.90	6600	0.05	4	0.02	4	0.01	4	0.806	0.93	E
JCT. RTE 138	OAK HILL ROAD	2200	4	4560	0.90	5067	0.05	4	0.02	4	0.01	4	0.806	0.71	C
OAK HILL ROAD	JCT. RTE 395 NORTH	2200	4	4310	0.90	4789	0.05	4	0.02	4	0.01	4	0.806	0.67	C
JCT RTE 395 NORTH	JOSHUA ST./PALM AVE.	2200	3	4200	0.95	4421	0.05	2	0.02	2	0.01	2	0.926	0.72	C
JOSHUA ST./PALM AVE.	PHELAN ROAD	2200	3	4260	0.95	4484	0.05	2	0.02	2	0.01	2	0.926	0.73	C
PHELAN ROAD	BEAR VALLEY CUTOFF	2200	3	3960	0.90	4400	0.05	2	0.02	2	0.01	2	0.926	0.72	C
BEAR VALLEY CUTOFF	JCT. RTE 18 WEST	2200	3	3780	0.90	4200	0.05	2	0.02	2	0.01	2	0.926	0.69	C
JCT. RTE 18 WEST	MOJAVE DRIVE	2200	3	4020	0.90	4467	0.05	2	0.02	2	0.01	2	0.926	0.73	C
MOJAVE DRIVE	JCT RTE 18 (D ST)	2200	3	3540	0.90	3933	0.05	2	0.02	2	0.01	2	0.926	0.64	C
JCT RTE 18 (D ST)	E STREET	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
E STREET	S JCT STODDARD WELLS	2200	2	3060	0.95	3221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
S JCT STODDARD WELLS	N JCT STODDARD WELLS	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
N JCT STODDARD WELLS	BOULDER ROAD	2200	2	3060	0.95	3221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
BOULDER ROAD	WILD WASH	2200	2	3060	0.95	3221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
WILD WASH	HODGE ROAD	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
HODGE ROAD	OUTLET CENTER DR	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
OUTLET CENTER DR	LENWOOD ROAD	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
LENWOOD ROAD	WEST MAIN STREET	2200	2	3320	0.95	3495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.82	D
WEST MAIN STREET	JCT. RTE 247 SOUTH	2200	2	3450	0.95	3632	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
JCT. RTE 247 SOUTH	JCT. RTE 40 EAST	2200	2	3320	0.95	3495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.82	D
JCT. RTE 40 EAST	EAST MAIN STREET	2200	2	2150	0.95	2263	0.05	6	0.02	1.2	0.01	1.5	0.794	0.65	C
EAST MAIN STREET	JCT RTE 58 WEST	2200	2	2500	0.95	2632	0.05	3	0.02	1.2	0.01	1.5	0.902	0.66	C

San Bernardino County CMP, 2001 Update

September 29, 2000
08-SBD-15-0.00/76.88
FILENAME: 15NBAM_00.xls

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 15 NORTHBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
RIV CO LINE	JURUPA AVENUE	2200	4	6170	0.95	6495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
JURUPA AVENUE	JCT. RTE 10	2200	4	6320	0.95	6653	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.78	C
JCT. RTE 10	FOURTH STREET	2200	4	4600	0.95	4842	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	B
FOURTH STREET	JCT. RTE 66	2200	4	4080	0.95	4295	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
JCT. RTE 66	BASE LINE INTERCHANGE	2200	4	3320	0.95	3495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
BASE LINE INTERCHANGE	CHERRY AVENUE	2200	4	2920	0.90	3244	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.38	B
CHERRY AVENUE	SIERRA AVENUE	2200	4	2760	0.95	2905	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.34	B
SIERRA AVENUE	JCT. RTE 215	2200	3	2720	0.95	2863	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.45	B
JCT. RTE 215	KENWOOD AVENUE	2200	4	3450	0.90	3833	0.05	6	0.02	4	0.01	4	0.746	0.58	C
KENWOOD AVENUE	CLEGHORN ROAD	2200	4	3450	0.90	3833	0.05	6	0.02	4	0.01	4	0.746	0.58	C
CLEGHORN ROAD	JCT. RTE 138	2200	4	3560	0.90	3956	0.05	6	0.02	4	0.01	4	0.746	0.60	C
JCT. RTE 138	OAK HILL ROAD	2200	4	2740	0.90	3044	0.05	4	0.02	4	0.01	4	0.806	0.43	B
OAK HILL ROAD	JCT. RTE 395 NORTH	2200	4	2590	0.90	2878	0.05	4	0.02	4	0.01	4	0.806	0.41	B
JCT RTE 395 NORTH	JOSHUA ST./PALM AVE.	2200	3	2800	0.95	2947	0.05	2	0.02	2	0.01	2	0.926	0.48	B
JOSHUA ST./PALM AVE.	PHELAN ROAD	2200	3	2840	0.95	2989	0.05	2	0.02	2	0.01	2	0.926	0.49	B
PHELAN ROAD	BEAR VALLEY CUTOFF	2200	3	2640	0.90	2933	0.05	2	0.02	2	0.01	2	0.926	0.48	B
BEAR VALLEY CUTOFF	JCT. RTE 18 WEST	2200	3	2520	0.90	2800	0.05	2	0.02	2	0.01	2	0.926	0.46	B
JCT. RTE 18 WEST	MOJAVE DRIVE	2200	3	2680	0.90	2978	0.05	2	0.02	2	0.01	2	0.926	0.49	B
MOJAVE DRIVE	JCT RTE 18 (D ST)	2200	3	2360	0.90	2622	0.05	2	0.02	2	0.01	2	0.926	0.43	B
JCT RTE 18 (D ST)	E STREET	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
E STREET	S JCT STODDARD WELLS	2200	2	1640	0.95	1726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
S JCT STODDARD WELLS	N JCT STODDARD WELLS	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
N JCT STODDARD WELLS	BOULDER ROAD	2200	2	1640	0.95	1726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
BOULDER ROAD	WILD WASH	2200	2	1640	0.95	1726	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
WILD WASH	HODGE ROAD	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
HODGE ROAD	OUTLET CENTER DR	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
OUTLET CENTER DR	LENWOOD ROAD	2200	2	1680	0.95	1768	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
LENWOOD ROAD	WEST MAIN STREET	2200	2	1780	0.95	1874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.44	B
WEST MAIN STREET	JCT. RTE 247 SOUTH	2200	2	1850	0.95	1947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.46	B
JCT. RTE 247 SOUTH	JCT. RTE 40 EAST	2200	2	1780	0.95	1874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.44	B
JCT. RTE 40 EAST	EAST MAIN STREET	2200	2	1150	0.95	1211	0.05	6	0.02	1.2	0.01	1.5	0.794	0.35	B
EAST MAIN STREET	JCT RTE 58 WEST	2200	2	1350	0.95	1421	0.05	3	0.02	1.2	0.01	1.5	0.902	0.36	B

September 29, 2000 08-SBD-15-0.00/76.88 FILENAME: 15SBAM_00.xls		2000 SAN BERNARDINO COUNTY CMP (Based on 1999 Counts) ROUTE 15 SOUTHBOUND AM													
Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4	Table 3-7	Table 3-8				Table 3-1 (for 70 mph)		
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
RIV CO LINE	JURUPA AVENUE	2200	4	6830	0.95	7189	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.84	D
JURUPA AVENUE	JCT. RTE 10	2200	4	6980	0.95	7347	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D
JCT. RTE 10	FOURTH STREET	2200	4	6900	0.95	7263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
FOURTH STREET	JCT. RTE 66	2200	4	6120	0.95	6442	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
JCT. RTE 66	BASE LINE INTERCHANGE	2200	4	4980	0.95	5242	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.62	C
BASE LINE INTERCHANGE	CHERRY AVENUE	2200	4	4380	0.90	4867	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
CHERRY AVENUE	SIERRA AVENUE	2200	4	4140	0.95	4358	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.51	B
SIERRA AVENUE	JCT. RTE 215	2200	3	4080	0.95	4295	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.67	C
JCT. RTE 215	KENWOOD AVENUE	2200	4	5750	0.95	6053	0.05	6	0.02	6	0.01	4	0.725	0.95	E
KENWOOD AVENUE	CLEGHORN ROAD	2200	4	5750	0.95	6053	0.05	6	0.02	6	0.01	4	0.725	0.95	E
CLEGHORN ROAD	JCT. RTE 138	2200	4	5940	0.95	6253	0.05	4	0.02	6	0.01	4	0.781	0.91	E
JCT. RTE 138	OAK HILL ROAD	2200	4	4560	0.90	5067	0.05	4	0.02	4	0.01	4	0.806	0.71	C
OAK HILL ROAD	JCT. RTE 395 NORTH	2200	4	4310	0.90	4789	0.05	4	0.02	4	0.01	4	0.806	0.67	C
JCT RTE 395 NORTH	JOSHUA ST./PALM AVE.	2200	3	4200	0.95	4421	0.05	2	0.02	2	0.01	2	0.926	0.72	C
JOSHUA ST./PALM AVE.	PHELAN ROAD	2200	3	4260	0.95	4484	0.05	2	0.02	2	0.01	2	0.926	0.73	C
PHELAN ROAD	BEAR VALLEY CUTOFF	2200	3	3960	0.90	4400	0.05	2	0.02	2	0.01	2	0.926	0.72	C
BEAR VALLEY CUTOFF	JCT. RTE 18 WEST	2200	3	3780	0.90	4200	0.05	2	0.02	2	0.01	2	0.926	0.69	C
JCT. RTE 18 WEST	MOJAVE DRIVE	2200	3	4020	0.90	4467	0.05	2	0.02	2	0.01	2	0.926	0.73	C
MOJAVE DRIVE	JCT RTE 18 (D ST)	2200	3	3540	0.90	3933	0.05	2	0.02	2	0.01	2	0.926	0.64	C
JCT RTE 18 (D ST)	E STREET	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	C
E STREET	S JCT STODDARD WELLS	2200	2	3060	0.95	3221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	C
S JCT STODDARD WELLS	N JCT STODDARD WELLS	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	C
N JCT STODDARD WELLS	BOULDER ROAD	2200	2	3060	0.95	3221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
BOULDER ROAD	WILD WASH	2200	2	3060	0.95	3221	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
WILD WASH	HODGE ROAD	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
HODGE ROAD	OUTLET CENTER DR	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
OUTLET CENTER DR	LENWOOD ROAD	2200	2	3120	0.95	3284	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
LENWOOD ROAD	WEST MAIN STREET	2200	2	3320	0.95	3495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.82	D
WEST MAIN STREET	JCT. RTE 247 SOUTH	2200	2	3450	0.95	3632	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
JCT. RTE 247 SOUTH	JCT. RTE 40 EAST	2200	2	3320	0.95	3495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.82	D
JCT. RTE 40 EAST	EAST MAIN STREET	2200	2	2150	0.95	2263	0.05	6	0.02	1.2	0.01	1.5	0.794	0.65	C
EAST MAIN STREET	JCT RTE 58 WEST	2200	2	2500	0.95	2632	0.05	3	0.02	1.2	0.01	1.5	0.902	0.66	C

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-30 PM 22.00 / R33.16
FILENAME: SBD30PHV_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 30 (FWY Portion) PEAK HOUR VOLUMES

Basic Freeway Segments		PM PEAK HOUR VOLUME					AM PEAK HOUR VOLUME				
From	To	Two-Way	EASTBOUND		WESTBOUND		Two-Way	WESTBOUND		EASTBOUND	
		Volume	DS	VOL.	DS	VOL.	Volume	DS	VOL.	DS	VOL.
HIGHLAND AVE.	JCT. RTE. 215	1450	55.0	800	45.0	650	1450	55.0	800	45.0	650
JCT. RTE. 215	H STREET	3000	55.0	1650	45.0	1350	3000	55.0	1650	45.0	1350
H STREET	NORTH JCT. RTE. 259	3100	55.0	1710	45.0	1390	3100	55.0	1710	45.0	1390
NORTH JCT RTE 259	JCT RTE 18/WATERMAN	6000	55.0	3300	45.0	2700	6000	55.0	3300	45.0	2700
JCT RTE 18/WATERMAN	DEL ROSA AVE.	6000	55.0	3300	45.0	2700	6000	55.0	3300	45.0	2700
DEL ROSA AVE.	HIGHLAND AVE.	5000	55.0	2750	45.0	2250	5000	55.0	2750	45.0	2250
HIGHLAND AVE	JCT. RTE. 330	3900	55.0	2150	45.0	1750	3900	55.0	2150	45.0	1750
JCT. RTE. 330	BASELINE ST.	4100	55.0	2260	45.0	1840	4100	55.0	2260	45.0	1840
BASELINE ST.	FIFTH ST.	4550	55.0	2500	45.0	2050	4550	55.0	2500	45.0	2050
FIFTH ST.	SAN BERNARDINO AVE.	5800	55.0	3190	45.0	2610	5800	55.0	3190	45.0	2610
SAN BERNARDINO AVE.	JCT. RTE. 10	5200	55.0	2860	45.0	2340	5200	55.0	2860	45.0	2340

November 14, 2000
 08-SBD-30 PM 22.00 / R33.16
 FILENAME: 30EBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
 ROUTE 30 (Freeway Portion) EASTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
HIGHLAND AVE.	JCT. RTE. 215	2200	2	800	0.95	842	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.20	A
JCT. RTE. 215	H STREET	2200	2	1650	0.95	1737	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
H STREET	NORTH JCT. RTE. 259	2200	2	1710	0.95	1800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
NORTH JCT RTE 259	JCT RTE 18/WATERMAN	2200	3	3300	0.90	3667	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
JCT RTE 18/WATERMAN	DEL ROSA AVE.	2200	3	3300	0.90	3667	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
DEL ROSA AVE.	HIGHLAND AVE.	2200	3	2750	0.90	3056	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.48	B
HIGHLAND AVE	JCT. RTE. 330	2200	3	2150	0.95	2263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.35	B
JCT. RTE. 330	BASELINE ST.	2200	3	2260	0.95	2379	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.37	B
BASELINE ST.	FIFTH ST.	2200	3	2500	0.95	2632	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
FIFTH ST.	SAN BERNARDINO AVE.	2200	3	3190	0.95	3358	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.53	B
SAN BERNARDINO AVE.	JCT. RTE. 10	2200	3	2860	0.95	3011	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-30 PM 22.00 / R33.16
FILENAME: 30WBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 30 (Freeway Portion) WESTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
HIGHLAND AVE.	JCT. RTE. 215	2200	2	650	0.95	684	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.16	A
JCT. RTE. 215	H STREET	2200	2	1350	0.95	1421	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.33	A
H STREET	NORTH JCT. RTE. 259	2200	2	1390	0.95	1463	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.34	B
NORTH JCT RTE 259	JCT RTE 18/WATERMAN	2200	3	2700	0.90	3000	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B
JCT RTE 18/WATERMAN	DEL ROSA AVE.	2200	3	2700	0.90	3000	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B
DEL ROSA AVE.	HIGHLAND AVE.	2200	3	2250	0.90	2500	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.39	B
HIGHLAND AVE	JCT. RTE. 330	2200	3	1750	0.95	1842	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.29	A
JCT. RTE. 330	BASELINE ST.	2200	3	1840	0.95	1937	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.30	A
BASELINE ST.	FIFTH ST.	2200	3	2050	0.95	2158	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.34	B
FIFTH ST.	SAN BERNARDINO AVE.	2200	3	2610	0.95	2747	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.43	B
SAN BERNARDINO AVE.	JCT. RTE. 10	2200	3	2340	0.95	2463	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.39	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-30 PM 22.00 / R33.16
FILENAME: 30WBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 30 (Freeway Portion) WESTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	S F	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
HIGHLAND AVE.	JCT. RTE. 215	2200	2	800	0.95	842	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.20	A
JCT. RTE. 215	H STREET	2200	2	1650	0.95	1737	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
H STREET	NORTH JCT. RTE. 259	2200	2	1710	0.95	1800	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.42	B
NORTH JCT RTE 259	JCT RTE 18/WATERMAN	2200	3	3300	0.90	3667	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
JCT RTE 18/WATERMAN	DEL ROSA AVE.	2200	3	3300	0.90	3667	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.57	C
DEL ROSA AVE.	HIGHLAND AVE.	2200	3	2750	0.90	3056	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.48	B
HIGHLAND AVE	JCT. RTE. 330	2200	3	2150	0.95	2263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.35	B
JCT. RTE. 330	BASELINE ST.	2200	3	2260	0.95	2379	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.37	B
BASELINE ST.	FIFTH ST.	2200	3	2500	0.95	2632	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.41	B
FIFTH ST.	SAN BERNARDINO AVE.	2200	3	3190	0.95	3358	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.53	B
SAN BERNARDINO AVE.	JCT. RTE. 10	2200	3	2860	0.95	3011	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-30 PM 22.00 / R33.16
FILENAME: 30EBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 30 (Freeway Portion) EASTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
HIGHLAND AVE.	JCT. RTE. 215	2200	2	650	0.95	684	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.16	A
JCT. RTE. 215	H STREET	2200	2	1350	0.95	1421	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.33	A
H STREET	NORTH JCT. RTE. 259	2200	2	1390	0.95	1463	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.34	B
NORTH JCT RTE 259	JCT RTE 18/WATERMAN	2200	3	2700	0.90	3000	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B
JCT RTE 18/WATERMAN	DEL ROSA AVE.	2200	3	2700	0.90	3000	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.47	B
DEL ROSA AVE.	HIGHLAND AVE.	2200	3	2250	0.90	2500	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.39	B
HIGHLAND AVE.	JCT. RTE. 330	2200	3	1750	0.95	1842	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.29	A
JCT. RTE. 330	BASELINE ST.	2200	3	1840	0.95	1937	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.30	A
BASELINE ST.	FIFTH ST.	2200	3	2050	0.95	2158	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.34	B
FIFTH ST.	SAN BERNARDINO AVE.	2200	3	2610	0.95	2747	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.43	B
SAN BERNARDINO AVE.	JCT. RTE. 10	2200	3	2340	0.95	2463	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.39	B

San Bernardino County CMP, 2001 Update

December 27, 2000
08-SBD-40 0.0/R154.64
FILENAME: SBD40PHV_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 40 PEAK HOUR VOLUMES

Basic Freeway Segments		PM PEAK HOUR VOLUME					AM PEAK HOUR VOLUME				
From	To	Two-Way	EASTBOUND		WESTBOUND		Two-Way	WESTBOUND		EASTBOUND	
		Volume	DS	VOL.	DS	VOL.	Volume	DS	VOL.	DS	VOL.
JCT RTE 15 EAST	MONTARA AVE	1250	25.0	310	75.0	940	1250	40.0	500	60.0	750
MONTARA AVE	MAIN ST	1500	25.0	380	75.0	1120	1500	40.0	600	60.0	900
MAIN ST	NEBO ST	1700	25.0	430	75.0	1270	1700	40.0	680	60.0	1020
NEBO ST	A ST	1700	25.0	430	75.0	1270	1700	40.0	680	60.0	1020
A ST	AIRPORT RD	1550	25.0	390	75.0	1160	1550	40.0	620	60.0	930
AIRPORT RD	WEST NEWBERRY RD	1500	25.0	380	75.0	1120	1500	40.0	600	60.0	900
WEST NEWBERRY RD	FORT CADY RD	1400	25.0	350	75.0	1050	1400	40.0	560	60.0	840
FORT CADY RD	HECTOR RD	1450	25.0	360	75.0	1090	1450	40.0	580	60.0	870
HECTOR RD	CRUCERO RD	1450	25.0	360	75.0	1090	1450	40.0	580	60.0	870
CRUCERO RD	KELBAKER RD	1250	25.0	310	75.0	940	1250	40.0	500	60.0	750
KELBAKER RD	ESSEX RD	1250	25.0	310	75.0	940	1250	40.0	500	60.0	750
ESSEX RD	GOFFS RD	1250	25.0	310	75.0	940	1250	40.0	500	60.0	750
GOFFS RD	MOUNTAIN SPRINGS RD	1100	25.0	280	75.0	820	1100	40.0	440	60.0	660
MOUNTAIN SPRINGS	WATER RD	1050	25.0	260	75.0	790	1050	40.0	420	60.0	630
WATER RD	JCT RTE 95 NORTH	960	25.0	240	75.0	720	960	40.0	380	60.0	580
JCT RTE 95 NORTH	PARK RD	1100	25.0	280	75.0	820	1100	40.0	440	60.0	660
PARK RD	RIVER RD	1050	25.0	260	75.0	790	1050	40.0	420	60.0	630
RIVER RD	J ST	960	25.0	240	75.0	720	960	40.0	380	60.0	580
J ST	JCT RTE 95 SOUTH	1050	25.0	260	75.0	790	1050	40.0	420	60.0	630
JCT RTE 95 SOUTH	FIVE MILE RD	890	25.0	220	75.0	670	890	40.0	360	60.0	530
FIVE MILE RD	PARK MOABI RD	930	25.0	230	75.0	700	930	40.0	370	60.0	560
PARK MOABI RD	ARIZONA STATE LINE	900	25.0	230	75.0	670	900	40.0	360	60.0	540

San Bernardino County CMP, 2001 Update

December 27, 2000
 08-SBD-40 0.0/R154.64
 FILENAME: 40EBPM_00.xls

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 40 EASTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
JCT RTE 15 EAST	MONTARA AVE	2200	2	310	0.90	344	0.30	6	0.02	3	0.01	3	0.391	0.20	A
MONTARA AVE	MAIN ST	2200	2	380	0.90	422	0.30	6	0.02	3	0.01	3	0.391	0.25	A
MAIN ST	NEBO ST	2200	2	430	0.90	478	0.30	6	0.02	3	0.01	3	0.391	0.28	A
NEBO ST	A ST	2200	2	430	0.90	478	0.30	6	0.02	3	0.01	3	0.391	0.28	A
A ST	AIRPORT RD	2200	2	390	0.90	433	0.30	6	0.02	3	0.01	3	0.391	0.25	A
AIRPORT RD	WEST NEWBERRY RD	2200	2	380	0.90	422	0.30	6	0.02	3	0.01	3	0.391	0.25	A
WEST NEWBERRY RD	FORT CADY RD	2200	2	350	0.90	389	0.30	6	0.02	3	0.01	3	0.391	0.23	A
FORT CADY RD	HECTOR RD	2200	2	360	0.90	400	0.30	6	0.02	3	0.01	3	0.391	0.23	A
HECTOR RD	CRUCERO RD	2200	2	360	0.90	400	0.30	6	0.02	3	0.01	3	0.391	0.23	A
CRUCERO RD	KELBAKER RD	2200	2	310	0.90	344	0.30	6	0.02	3	0.01	3	0.391	0.20	A
KELBAKER RD	ESSEX RD	2200	2	310	0.90	344	0.30	6	0.02	3	0.01	3	0.391	0.20	A
ESSEX RD	GOFFS RD	2200	2	310	0.90	344	0.30	6	0.02	3	0.01	3	0.391	0.20	A
GOFFS RD	MOUNTAIN SPRINGS RD	2200	2	280	0.90	311	0.30	6	0.02	3	0.01	3	0.391	0.18	A
MOUNTAIN SPRINGS	WATER RD	2200	2	260	0.90	289	0.30	6	0.02	3	0.01	3	0.391	0.17	A
WATER RD	JCT RTE 95 NORTH	2200	2	240	0.90	267	0.30	6	0.02	3	0.01	3	0.391	0.16	A
JCT RTE 95 NORTH	PARK RD	2200	2	280	0.90	311	0.30	6	0.02	3	0.01	3	0.391	0.18	A
PARK RD	RIVER RD	2200	2	260	0.90	289	0.30	6	0.02	3	0.01	3	0.391	0.17	A
RIVER RD	J ST	2200	2	240	0.90	267	0.30	6	0.02	3	0.01	3	0.391	0.16	A
J ST	JCT RTE 95 SOUTH	2200	2	260	0.90	289	0.30	6	0.02	3	0.01	3	0.391	0.17	A
JCT RTE 95 SOUTH	FIVE MILE RD	2200	2	220	0.90	244	0.30	6	0.02	3	0.01	3	0.391	0.14	A
FIVE MILE RD	PARK MOABI RD	2200	2	230	0.90	256	0.30	6	0.02	3	0.01	3	0.391	0.15	A
PARK MOABI RD	ARIZONA STATE LINE	2200	2	230	0.90	256	0.30	6	0.02	3	0.01	3	0.391	0.15	A

San Bernardino County CMP, 2001 Update

December 27, 2000
08-SBD-40 0.0/R154.64
FILENAME: 40WBPM_00.xls

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 40 WESTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
JCT RTE 15 EAST	MONTARA AVE	2200	2	940	0.90	1044	0.30	6	0.02	3	0.01	3	0.391	0.61	C
MONTARA AVE	MAIN ST	2200	2	1120	0.90	1244	0.30	6	0.02	3	0.01	3	0.391	0.72	C
MAIN ST	NEBO ST	2200	2	1270	0.90	1411	0.30	6	0.02	3	0.01	3	0.391	0.82	D
NEBO ST	A ST	2200	2	1270	0.90	1411	0.30	6	0.02	3	0.01	3	0.391	0.82	D
A ST	AIRPORT RD	2200	2	1160	0.90	1289	0.30	6	0.02	3	0.01	3	0.391	0.75	C
AIRPORT RD	WEST NEWBERRY RD	2200	2	1120	0.90	1244	0.30	6	0.02	3	0.01	3	0.391	0.72	C
WEST NEWBERRY RD	FORT CADY RD	2200	2	1050	0.90	1167	0.30	6	0.02	3	0.01	3	0.391	0.68	C
FORT CADY RD	HECTOR RD	2200	2	1090	0.90	1211	0.30	6	0.02	3	0.01	3	0.391	0.70	C
HECTOR RD	CRUCERO RD	2200	2	1090	0.90	1211	0.30	6	0.02	3	0.01	3	0.391	0.70	C
CRUCERO RD	KELBAKER RD	2200	2	940	0.90	1044	0.30	6	0.02	3	0.01	3	0.391	0.61	C
KELBAKER RD	ESSEX RD	2200	2	940	0.90	1044	0.30	6	0.02	3	0.01	3	0.391	0.61	C
ESSEX RD	GOFFS RD	2200	2	940	0.90	1044	0.30	6	0.02	3	0.01	3	0.391	0.61	C
GOFFS RD	MOUNTAIN SPRINGS RD	2200	2	820	0.90	911	0.30	6	0.02	3	0.01	3	0.391	0.53	B
MOUNTAIN SPRINGS	WATER RD	2200	2	790	0.90	878	0.30	6	0.02	3	0.01	3	0.391	0.51	B
WATER RD	JCT RTE 95 NORTH	2200	2	720	0.90	800	0.30	6	0.02	3	0.01	3	0.391	0.47	B
JCT RTE 95 NORTH	PARK RD	2200	2	820	0.90	911	0.30	6	0.02	3	0.01	3	0.391	0.53	B
PARK RD	RIVER RD	2200	2	790	0.90	878	0.30	6	0.02	3	0.01	3	0.391	0.51	B
RIVER RD	J ST	2200	2	720	0.90	800	0.30	6	0.02	3	0.01	3	0.391	0.47	B
J ST	JCT RTE 95 SOUTH	2200	2	790	0.90	878	0.30	6	0.02	3	0.01	3	0.391	0.51	B
JCT RTE 95 SOUTH	FIVE MILE RD	2200	2	670	0.90	744	0.30	6	0.02	3	0.01	3	0.391	0.43	B
FIVE MILE RD	PARK MOABI RD	2200	2	700	0.90	778	0.30	6	0.02	3	0.01	3	0.391	0.45	B
PARK MOABI RD	ARIZONA STATE LINE	2200	2	670	0.90	744	0.30	6	0.02	3	0.01	3	0.391	0.43	B

San Bernardino County CMP, 2001 Update

December 27, 2000
08-SBD-40 0.0/R154.64
FILENAME: 40WBAM_00.xls

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 40 WESTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume		Table 3-4		Table 3-7		Table 3-8			Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
JCT RTE 15 EAST	MONTARA AVE	2200	2	500	0.90	556	0.30	6	0.02	3	0.01	3	0.391	0.32	A
MONTARA AVE	MAIN ST	2200	2	600	0.90	667	0.30	6	0.02	3	0.01	3	0.391	0.39	B
MAIN ST	NEBO ST	2200	2	680	0.90	756	0.30	6	0.02	3	0.01	3	0.391	0.44	B
NEBO ST	A ST	2200	2	680	0.90	756	0.30	6	0.02	3	0.01	3	0.391	0.44	B
A ST	AIRPORT RD	2200	2	620	0.90	689	0.30	6	0.02	3	0.01	3	0.391	0.40	B
AIRPORT RD	WEST NEWBERRY RD	2200	2	600	0.90	667	0.30	6	0.02	3	0.01	3	0.391	0.39	B
WEST NEWBERRY RD	FORT CADY RD	2200	2	560	0.90	622	0.30	6	0.02	3	0.01	3	0.391	0.36	B
FORT CADY RD	HECTOR RD	2200	2	580	0.90	644	0.30	6	0.02	3	0.01	3	0.391	0.37	B
HECTOR RD	CRUCERO RD	2200	2	580	0.90	644	0.30	6	0.02	3	0.01	3	0.391	0.37	B
CRUCERO RD	KELBAKER RD	2200	2	500	0.90	556	0.30	6	0.02	3	0.01	3	0.391	0.32	A
KELBAKER RD	ESSEX RD	2200	2	500	0.90	556	0.30	6	0.02	3	0.01	3	0.391	0.32	A
ESSEX RD	GOFFS RD	2200	2	500	0.90	556	0.30	6	0.02	3	0.01	3	0.391	0.32	A
GOFFS RD	MOUNTAIN SPRINGS RD	2200	2	440	0.90	489	0.30	6	0.02	3	0.01	3	0.391	0.28	A
MOUNTAIN SPRINGS	WATER RD	2200	2	420	0.90	467	0.30	6	0.02	3	0.01	3	0.391	0.27	A
WATER RD	JCT RTE 95 NORTH	2200	2	380	0.90	422	0.30	6	0.02	3	0.01	3	0.391	0.25	A
JCT RTE 95 NORTH	PARK RD	2200	2	440	0.90	489	0.30	6	0.02	3	0.01	3	0.391	0.28	A
PARK RD	RIVER RD	2200	2	420	0.90	467	0.30	6	0.02	3	0.01	3	0.391	0.27	A
RIVER RD	J ST	2200	2	380	0.90	422	0.30	6	0.02	3	0.01	3	0.391	0.25	A
J ST	JCT RTE 95 SOUTH	2200	2	420	0.90	467	0.30	6	0.02	3	0.01	3	0.391	0.27	A
JCT RTE 95 SOUTH	FIVE MILE RD	2200	2	360	0.90	400	0.30	6	0.02	3	0.01	3	0.391	0.23	A
FIVE MILE RD	PARK MOABI RD	2200	2	370	0.90	411	0.30	6	0.02	3	0.01	3	0.391	0.24	A
PARK MOABI RD	ARIZONA STATE LINE	2200	2	360	0.90	400	0.30	6	0.02	3	0.01	3	0.391	0.23	A

San Bernardino County CMP, 2001 Update

December 27, 2000
08-SBD-40 0.0/R154.64
FILENAME: 40EBAM_00.xls

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 40 EASTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
JCT RTE 15 EAST	MONTARA AVE	2200	2	750	0.90	833	0.30	6	0.02	3	0.01	3	0.391	0.48	B
MONTARA AVE	MAIN ST	2200	2	900	0.90	1000	0.30	6	0.02	3	0.01	3	0.391	0.58	C
MAIN ST	NEBO ST	2200	2	1020	0.90	1133	0.30	6	0.02	3	0.01	3	0.391	0.66	C
NEBO ST	A ST	2200	2	1020	0.90	1133	0.30	6	0.02	3	0.01	3	0.391	0.66	C
A ST	AIRPORT RD	2200	2	930	0.90	1033	0.30	6	0.02	3	0.01	3	0.391	0.60	C
AIRPORT RD	WEST NEWBERRY RD	2200	2	900	0.90	1000	0.30	6	0.02	3	0.01	3	0.391	0.58	C
WEST NEWBERRY RD	FORT CADY RD	2200	2	840	0.90	933	0.30	6	0.02	3	0.01	3	0.391	0.54	B
FORT CADY RD	HECTOR RD	2200	2	870	0.90	967	0.30	6	0.02	3	0.01	3	0.391	0.56	C
HECTOR RD	CRUCERO RD	2200	2	870	0.90	967	0.30	6	0.02	3	0.01	3	0.391	0.56	C
CRUCERO RD	KELBAKER RD	2200	2	750	0.90	833	0.30	6	0.02	3	0.01	3	0.391	0.48	B
KELBAKER RD	ESSEX RD	2200	2	750	0.90	833	0.30	6	0.02	3	0.01	3	0.391	0.48	B
ESSEX RD	GOFFS RD	2200	2	750	0.90	833	0.30	6	0.02	3	0.01	3	0.391	0.48	B
GOFFS RD	MOUNTAIN SPRINGS RD	2200	2	660	0.90	733	0.30	6	0.02	3	0.01	3	0.391	0.43	B
MOUNTAIN SPRINGS	WATER RD	2200	2	630	0.90	700	0.30	6	0.02	3	0.01	3	0.391	0.41	B
WATER RD	JCT RTE 95 NORTH	2200	2	580	0.90	644	0.30	6	0.02	3	0.01	3	0.391	0.37	B
JCT RTE 95 NORTH	PARK RD	2200	2	660	0.90	733	0.30	6	0.02	3	0.01	3	0.391	0.43	B
PARK RD	RIVER RD	2200	2	630	0.90	700	0.30	6	0.02	3	0.01	3	0.391	0.41	B
RIVER RD	J ST	2200	2	580	0.90	644	0.30	6	0.02	3	0.01	3	0.391	0.37	B
J ST	JCT RTE 95 SOUTH	2200	2	630	0.90	700	0.30	6	0.02	3	0.01	3	0.391	0.41	B
JCT RTE 95 SOUTH	FIVE MILE RD	2200	2	530	0.90	589	0.30	6	0.02	3	0.01	3	0.391	0.34	B
FIVE MILE RD	PARK MOABI RD	2200	2	560	0.90	622	0.30	6	0.02	3	0.01	3	0.391	0.36	B
PARK MOABI RD	ARIZONA STATE LINE	2200	2	540	0.90	600	0.30	6	0.02	3	0.01	3	0.391	0.35	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-60 PM 0.0 / R9.96
FILENAME: SBD60PHV_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 60 PEAK HOUR VOLUMES

		PM PEAK HOUR VOLUME					AM PEAK HOUR VOLUME				
Basic Freeway Segments		TWO-WAY	EASTBOUND		WESTBOUND		Two-way	WESTBOUND		EASTBOUND	
FROM	TO	Volume	DS	VOL.	DS	VOL.	Volume	DS	VOL.	DS	VOL.
LA COUNTY LINE	RAMONA AVENUE	12800	55.0	7040	45.0	5760	12800	55.0	7040	45.0	5760
RAMONA AVENUE	CENTRAL AVENUE	14400	55.0	7920	45.0	6480	14400	55.0	7920	45.0	6480
CENTRAL AVENUE	MOUNTAIN AVENUE	15000	55.0	8250	45.0	6750	15000	55.0	8250	45.0	6750
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	15500	55.0	8530	45.0	6970	15500	55.0	8530	45.0	6970
JCT RTE 83/EUCLID AVE	GROVE AVENUE	16100	55.0	8860	45.0	7240	16100	55.0	8860	45.0	7240
GROVE AVENUE	VINEYARD AVENUE	15800	55.0	8690	45.0	7110	15800	55.0	8690	45.0	7110
VINEYARD AVENUE	ARCHIBALD AVENUE	16000	55.0	8800	45.0	7200	16000	55.0	8800	45.0	7200
ARCHIBALD AVENUE	HAVEN AVENUE	15800	55.0	8690	45.0	7110	15800	55.0	8690	45.0	7110
HAVEN AVENUE	RIV CO LINE	15400	55.0	8470	45.0	6930	15400	55.0	8470	45.0	6930

San Bernardino County CMP, 2001 Update

November 14, 2000
 08-SBD-60 PM 0.0 / R9.96
 FILENAME: 60EBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 60 EASTBOUND PM

BASIC FREEWAY SEGMENTS		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	RAMONA AVENUE	2200	4	7040	0.90	7822	0.07	1.5	0.02	1.2	0.01	1.5	0.958	0.93	E
RAMONA AVENUE	CENTRAL AVENUE	2200	5	7920	0.80	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	5	8250	0.80	10313	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	5	8530	0.85	10035	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.94	E
JCT RTE 83/EUCLID AVE	GROVE AVENUE	2200	5	8860	0.85	10424	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
GROVE AVENUE	VINEYARD AVENUE	2200	5	8690	0.85	10224	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.96	E
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	5	8800	0.85	10353	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
ARCHIBALD AVENUE	HAVEN AVENUE	2200	5	8690	0.85	10224	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.96	E
HAVEN AVENUE	RIV CO LINE	2200	4	8470	0.95	8916	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.05	F

San Bernardino County CMP, 2001 Update

November 14, 2000
 08-SBD-60 PM 0.0 / R9.96
 FILENAME: 60WBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 60 WESTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	RAMONA AVENUE	2200	5	5760	0.80	7200	0.07	1.5	0.02	1.2	0.01	1.5	0.958	0.68	C
RAMONA AVENUE	CENTRAL AVENUE	2200	5	6480	0.80	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	5	6750	0.80	8438	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	5	6970	0.80	8713	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.82	D
JCT RTE 83/EUCLID AVE	GROVE AVENUE	2200	4	7240	0.96	7542	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.89	D
GROVE AVENUE	VINEYARD AVENUE	2200	4	7110	0.95	7484	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.88	D
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	4	7200	0.95	7579	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.89	D
ARCHIBALD AVENUE	HAVEN AVENUE	2200	4	7110	0.95	7484	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.88	D
HAVEN AVENUE	RIV CO LINE	2200	4	6930	0.95	7295	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D

November 14, 2000
 08-SBD-60 PM 0.0 / R9.96
 FILENAME: 60WBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 60 WESTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	RAMONA AVENUE	2200	5	7040	0.80	8800	0.07	3.0	0.02	1.2	0.01	1.5	0.870	0.92	E
RAMONA AVENUE	CENTRAL AVENUE	2200	5	7920	0.80	9900	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	5	8250	0.80	10313	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.97	E
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	5	8530	0.80	10663	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E
JCT RTE 83/EUCLID AVE	GROVE AVENUE	2200	4	8860	0.96	9229	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.08	F
GROVE AVENUE	VINEYARD AVENUE	2200	4	8690	0.95	9147	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.07	F
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	4	8800	0.95	9263	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.09	F
ARCHIBALD AVENUE	HAVEN AVENUE	2200	4	8690	0.95	9147	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.07	F
HAVEN AVENUE	RIV CO LINE	2200	4	8470	0.95	8916	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.05	F

November 14, 2000
08-SBD-60 PM 0.0 / R9.96
FILENAME: 60EBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 60 EASTBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
LA COUNTY LINE	RAMONA AVENUE	2200	4	5760	0.90	6400	0.07	1.5	0.02	1.2	0.01	1.5	0.958	0.76	D
RAMONA AVENUE	CENTRAL AVENUE	2200	5	6480	0.80	8100	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.76	D
CENTRAL AVENUE	MOUNTAIN AVENUE	2200	5	6750	0.80	8438	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
MOUNTAIN AVENUE	JCT RTE 83/EUCLID AVE	2200	5	6970	0.85	8200	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.77	D
JCT RTE 83/EUCLID AVE	GROVE AVENUE	2200	5	7240	0.85	8518	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
GROVE AVENUE	VINEYARD AVENUE	2200	5	7110	0.85	8365	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
VINEYARD AVENUE	ARCHIBALD AVENUE	2200	5	7200	0.85	8471	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
ARCHIBALD AVENUE	HAVEN AVENUE	2200	5	7110	0.85	8365	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
HAVEN AVENUE	RIV CO LINE	2200	4	6930	0.95	7295	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.86	D

San Bernardino County CMP, 2001 Update

November 14, 2000

08-SBD-215 0.00/17.75

FILENAME: RIV215PHV_00.

2000 SAN BERNARDINO COUNTY CMP

(Based on 1999 Counts)

ROUTE 215 PEAK HOUR VOLUMES

Basic Freeway Segments		PM PEAK HOUR VOLUME					AM PEAK HOUR VOLUME				
From	To	Two-Way	NORTHBOUND		SOUTHBOUND		Two-Way	SOUTHBOUND		NORTHBOUND	
		Volume	DS	VOL.	DS	VOL.	Volume	DS	VOL.	DS	VOL.
RIV CO LINE	IOWA AVENUE	11700	47.5	5560	52.5	6140	11700	47.5	5560	52.5	6140
IOWA AVENUE	BARTON ROAD	11900	47.5	5650	52.5	6250	11900	47.5	5650	52.5	6250
BARTON ROAD	WASHINGTON AVENUE	12100	47.5	5750	52.5	6350	12100	47.5	5750	52.5	6350
WASHINGTON AVENUE	JCT. RTE 10	12800	47.5	6080	52.5	6720	12800	47.5	6080	52.5	6720
JCT. RTE 10	ORANGE SHOW ROAD	13700	50.0	6850	50.0	6850	13700	50.0	6850	50.0	6850
ORANGE SHOW ROAD	INLAND CENTER DRIVE	12900	50.0	6450	50.0	6450	12900	50.0	6450	50.0	6450
INLAND CENTER DRIVE	MILL STREET	12200	50.0	6100	50.0	6100	12200	50.0	6100	50.0	6100
MILL STREET	SECOND STREET	12200	50.0	6100	50.0	6100	12200	50.0	6100	50.0	6100
SECOND STREET	JCT. RTE 66	11300	50.0	5650	50.0	5650	11300	50.0	5650	50.0	5650
JCT. RTE 66	BASELINE STREET	10800	55.0	5940	45.0	4860	10800	55.0	5940	45.0	4860
BASELINE STREET	JCT. RTE 259	9600	55.0	5280	45.0	4320	9600	55.0	5280	45.0	4320
JCT. RTE 259	MASSACHUSETTS AVE	4850	58.0	2810	42.0	2040	4850	58.0	2810	42.0	2040
MASSACHUSETTS AVE.	HIGHLAND AVE.	4850	58.0	2810	42.0	2040	4850	58.0	2810	42.0	2040
HIGHLAND AVE.	Mt. VERNON/27th St	4700	58.0	2730	42.0	1970	4700	58.0	2730	42.0	1970
Mt. VERNON/27th St.	JCT. RTE. 30	4100	58.0	2380	42.0	1720	4100	58.0	2380	42.0	1720
JCT. RTE. 30	UNIVERSITY PARKWAY	5300	60.0	3180	40.0	2120	5300	60.0	3180	40.0	2120
UNIVERSITY PARKWAY	PALM AVE	3750	60.0	2250	40.0	1500	3750	60.0	2250	40.0	1500
PALM AVE	DEVORE ROAD	3950	60.0	2370	40.0	1580	3950	60.0	2370	40.0	1580
DEVORE ROAD	JCT. RTE 15	3500	60.0	2100	40.0	1400	3500	60.0	2100	40.0	1400

November 14, 2000
 08-SBD-215 0.00/17.75
 FILENAME: 215SBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 215 SOUTBOUND PM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)					
From	To						C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)					
RIV CO LINE	IAWA AVENUE	2200	3	6140	0.97	6330	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E					
IAWA AVENUE	BARTON ROAD	2200	3	6250	0.95	6579	0.05	2.5	0.02	1.2	0.01	2.5	0.914	1.09	F					
BARTON ROAD	WASHINGTON AVENUE	2200	3	6350	0.95	6684	0.05	2.5	0.02	1.2	0.01	2.5	0.914	1.11	F					
WASHINGTON AVENUE	JCT. RTE 10	2200	4	6720	0.95	7074	0.05	2.5	0.02	1.5	0.01	2.5	0.909	0.88	D					
JCT. RTE 10	ORANGE SHOW ROAD	2200	4	6850	0.95	7211	0.05	1.5	0.02	1.5	0.01	1.5	0.962	0.85	D					
ORANGE SHOW ROAD	INLAND CENTER DRIVE	2200	4	6450	0.95	6789	0.05	1.5	0.02	1.5	0.01	1.5	0.962	0.80	D					
INLAND CENTER DRIVE	MILL STREET	2200	3	6100	0.96	6354	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E					
MILL STREET	SECOND STREET	2200	4	6100	0.80	7625	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.90	E					
SECOND STREET	JCT. RTE 66	2200	3	5650	0.95	5947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E					
JCT. RTE 66	BASELINE STREET	2200	3	4860	0.95	5116	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D					
BASELINE STREET	JCT. RTE 259	2200	3	4320	0.95	4547	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.71	C					
JCT. RTE 259	MASSACHUSETTS AVENUE	2200	2	2040	0.95	2147	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B					
MASSACHUSETTS AVE.	HIGHLAND AVE.	2200	2	2040	0.95	2147	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B					
HIGHLAND AVE.	TWENTY-SEVENTH ST.	2200	2	1970	0.95	2074	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.49	B					
TWENTY-SEVENTH ST.	JCT. RTE. 30	2200	2	1720	0.95	1811	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.43	B					
JCT. RTE. 30	UNIVERSITY PARKWAY	2200	2	2120	0.95	2232	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.52	B					
UNIVERSITY PARKWAY	PALM AVE	2200	2	1500	0.95	1579	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.37	B					
PALM AVE	DEVORE ROAD	2200	2	1580	0.95	1663	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.39	B					
DEVORE ROAD	JCT. RTE 15	2200	2	1400	0.95	1474	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.35	B					

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-215 0.00/17.75

FILENAME: 215NBPM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 215 NORTHBOUND PM

Basic Freeway Segments		C(j)	No. Lanes			SF	Table 3-4		Table 3-7		Table 3-8			V/C	Table 3-1 (for 70 mph)
From	To		N	V	PHF		P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)		
RIV CO LINE	IOWA AVENUE	2200	3	5560	0.97	5732	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.90	E
IOWA AVENUE	BARTON ROAD	2200	3	5650	0.95	5947	0.05	2.5	0.02	1.5	0.01	2.5	0.909	0.99	E
BARTON ROAD	WASHINGTON AVENUE	2200	3	5750	0.95	6053	0.05	2.5	0.02	1.5	0.01	2.5	0.909	1.01	F
WASHINGTON AVENUE	JCT. RTE 10	2200	4	6080	0.95	6400	0.05	2.5	0.02	1.5	0.01	2.5	0.909	0.80	D
JCT. RTE 10	ORANGE SHOW ROAD	2200	4	6850	0.95	7211	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
ORANGE SHOW ROAD	INLAND CENTER DRIVE	2200	4	6450	0.95	6789	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
INLAND CENTER DRIVE	MILL STREET	2200	3	6100	0.95	6421	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.01	F
MILL STREET	SECOND STREET	2200	4	6100	0.80	7625	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.90	E
SECOND STREET	JCT. RTE 66	2200	3	5650	0.95	5947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
JCT. RTE 66	BASELINE STREET	2200	3	5940	0.95	6253	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
BASELINE STREET	JCT. RTE 259	2200	3	5280	0.95	5558	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.87	D
JCT. RTE 259	MASSACHUSETTS AVENUE	2200	2	2810	0.95	2958	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.70	C
MASSACHUSETTS AVE.	HIGHLAND AVE.	2200	2	2810	0.95	2958	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.70	C
HIGHLAND AVE.	TWENTY-SEVENTH STREET	2200	2	2730	0.95	2874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.68	C
TWENTY-SEVENTH ST.	JCT. RTE. 30	2200	2	2380	0.95	2505	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.59	C
JCT. RTE. 30	UNIVERSITY PARKWAY	2200	2	3180	0.95	3347	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
UNIVERSITY PARKWAY	PALM AVE	2200	2	2250	0.95	2368	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.56	C
PALM AVE	DEVORE ROAD	2200	2	2370	0.95	2495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.59	C
DEVORE ROAD	JCT. RTE 15	2200	2	2100	0.95	2211	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.52	B

San Bernardino County CMP, 2001 Update

November 14, 2000
08-SBD-215 0.00/17.75
FILENAME: 215NBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
(Based on 1999 Counts)
ROUTE 215 NORTHBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				(for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
RIV CO LINE	IOWA AVENUE	2200	3	6140	0.96	6396	0.05	1.5	0.02	1.2	0.01	1.5	0.967	1.00	E
IOWA AVENUE	BARTON ROAD	2200	3	6250	0.95	6579	0.05	2.5	0.02	1.5	0.01	2.5	0.909	1.10	F
BARTON ROAD	WASHINGTON AVENUE	2200	3	6350	0.95	6684	0.05	2.5	0.02	1.5	0.01	2.5	0.909	1.11	F
WASHINGTON AVENUE	JCT. RTE 10	2200	4	6720	0.95	7074	0.05	2.5	0.02	1.5	0.01	2.5	0.909	0.88	D
JCT. RTE 10	ORANGE SHOW ROAD	2200	4	6850	0.95	7211	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
ORANGE SHOW ROAD	INLAND CENTER DRIVE	2200	4	6450	0.95	6789	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
INLAND CENTER DRIVE	MILL STREET	2200	3	6100	0.97	6289	0.05	1.2	0.02	1.2	0.01	1.5	0.981	0.97	E
MILL STREET	SECOND STREET	2200	4	6100	0.80	7625	0.05	1.2	0.02	1.2	0.01	1.5	0.981	0.88	D
SECOND STREET	JCT. RTE 66	2200	3	5650	0.95	5947	0.05	1.2	0.02	1.2	0.01	1.5	0.981	0.92	E
JCT. RTE 66	BASELINE STREET	2200	3	4860	0.95	5116	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
BASELINE STREET	JCT. RTE 259	2200	3	4320	0.95	4547	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.71	C
JCT. RTE 259	MASSACHUSETTS AVENUE	2200	2	2040	0.95	2147	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
MASSACHUSETTS AVE.	HIGHLAND AVE.	2200	2	2040	0.95	2147	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.50	B
HIGHLAND AVE.	TWENTY-SEVENTH ST.	2200	2	1970	0.95	2074	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.49	B
TWENTY-SEVENTH ST.	JCT. RTE. 30	2200	2	1720	0.95	1811	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.43	B
JCT. RTE 30	UNIVERSITY PARKWAY	2200	2	2120	0.95	2232	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.52	B
UNIVERSITY PARKWAY	PALM AVE	2200	2	1500	0.95	1579	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.37	B
PALM AVE	DEVORE ROAD	2200	2	1580	0.95	1663	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.39	B
DEVORE ROAD	JCT. RTE 15	2200	2	1400	0.95	1474	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.35	B

San Bernardino County CMP, 2001 Update

November 14, 2000
 08-SBD-215 0.00/17.75
 FILENAME: 215SBAM_00.XLS

2000 SAN BERNARDINO COUNTY CMP
 (Based on 1999 Counts)
ROUTE 215 SOUTHBOUND AM

Basic Freeway Segments		Capacity	No. Lanes	Volume	Factor	Volume	Table 3-4		Table 3-7		Table 3-8				Table 3-1 (for 70 mph)
From	To	C(j)	N	V	PHF	SF	P(t)	E(t)	P(r)	E(r)	P(b)	E(b)	f(HV)	V/C	LOS
RIV CO LINE	IOWA AVENUE	2200	3	5560	0.95	5853	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.92	E
IOWA AVENUE	BARTON ROAD	2200	3	5650	0.95	5947	0.05	2.5	0.02	1.5	0.01	2.5	0.909	0.99	E
BARTON ROAD	WASHINGTON AVENUE	2200	3	5750	0.95	6053	0.05	2.5	0.02	1.5	0.01	2.5	0.909	1.01	F
WASHINGTON AVENUE	JCT. RTE 10	2200	4	6080	0.95	6400	0.05	2.5	0.02	1.5	0.01	2.5	0.909	0.80	D
JCT. RTE 10	ORANGE SHOW ROAD	2200	4	6850	0.95	7211	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.85	D
ORANGE SHOW ROAD	INLAND CENTER DRIVE	2200	4	6450	0.95	6789	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.80	D
INLAND CENTER DRIVE	MILL STREET	2200	3	6100	0.97	6289	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.99	E
MILL STREET	SECOND STREET	2200	4	6100	0.80	7625	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.90	E
SECOND STREET	JCT. RTE 66	2200	3	5650	0.95	5947	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.93	E
JCT. RTE 66	BASELINE STREET	2200	3	5940	0.95	6253	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.98	E
BASELINE STREET	JCT. RTE 259	2200	3	5280	0.95	5558	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.87	D
JCT. RTE 259	MASSACHUSETTS AVENUE	2200	2	2810	0.95	2958	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.70	C
MASSACHUSETTS AVE.	HIGHLAND AVE.	2200	2	2810	0.95	2958	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.70	C
HIGHLAND AVE.	TWENTY-SEVENTH ST.	2200	2	2730	0.95	2874	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.68	C
TWENTY-SEVENTH ST.	JCT. RTE. 30	2200	2	2380	0.95	2505	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.59	C
JCT. RTE. 30	UNIVERSITY PARKWAY	2200	2	3180	0.95	3347	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.79	D
UNIVERSITY PARKWAY	PALM AVE	2200	2	2250	0.95	2368	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.56	C
PALM AVE	DEVORE ROAD	2200	2	2370	0.95	2495	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.59	C
DEVORE ROAD	JCT. RTE 15	2200	2	2100	0.95	2211	0.05	1.5	0.02	1.2	0.01	1.5	0.967	0.52	B

Table A-6

SAN BERNARDINO COUNTY CMP TWO LANE AND MULTILANE HIGHWAY LEVEL OF SERVICE

**Year 2000 San Bernardino County Two Lane and Multilane Highway LOS
(Based on 1999 Traffic Count)**

Segment	PM-PM	Total Lane	Terrain	Area Type	% of No Passing	Two Way Volume (ADT)	% of Heavy Vehicle	Design Speed	Peak Hour Volume	Lane Width	Shdr Width	Dir. Split.	% RV	LOS
SR-02														
County Line-Lone Pine Rd.	0.00 / 1.73	2	M	Rural	60	4,700	5	60	610	11	2	55-45	1	E
Lone Pine Rd.-Jct. Rte.138	1.73 / 6.36	2	M	Rural	60	4,700	5	60	560	12	0	55-45	1	E
SR-18														
Jct. Rte. 30-Waterman Cyn Rd.	T6.18 / R13.29	4	M	Rural	60	19,680	5	60	1,840	12	0	55-45	1	C
Waterman Cyn Rd.-Jct. Rte 138	R13.29 / R17.73	4	M	Rural	60	16,000	5.0	60	1,970	12	0	55-45	1	C
Jct. Rte 138-Jct. Rte. 189 N.	R17.73 / 20.61	2	M	Rural	60	9,000	5.0	60	900	12	0	55-45	1	E
Jct. Rte.189 N. - Rte. 330 S.	20.61 / 31.90	2	M	Rural	60	8,440	5.0	60	930	12	3	55-45	1	E
Rte. 330 S.-Blue Jay Rd.	31.90 / 46.55	2	M	Rural	60	8,430	5.0	60	1,160	11	0	60-40	1	E
Blue Jay Rd.-Lake View Dr.	46.55 / 48.36	2	M	Rural	60	11,000	5.0	60	1,300	12	1	60-40	1	E
Lake View Dr.-Standfield Cutoff	48.36 / 51.61	4	R	Suburb	40	16,900	5.0	60	2,025	12	1	60-40	1	C
Standfield Cutoff-Jct. Rte. 38 E.	51.61 / 53.92	2	R	Suburb	40	9,000	5	60	990	12	1	60-40	1	E
Jct. Rte. 38 E. - North Shore Rd.	53.92 / 54.54	2	M	Suburb	60	4,800	5.0	60	480	11	0	55-45	1	C
North Shore Rd.-Jct. Rte. 247	54.54 / 73.78	2	R	Rural	40	4,000	10	60	390	12	2	55-45	1	D
Jct. Rte. 247-Central Ave.	73.78 / 87.87	2	R	Rural	20	10,500	8	60	1,010	12	4	55-45	1	E
Central Ave.-E. Cahuenga	87.87 / 98.72	4	F	Suburb	40	34,900	5	60	3,310	12	8	55-45	1	D

San Bernardino County CMP, 2001 Update

**Year 2000 San Bernardino County Two Lane and Multilane Highway LOS
(Based on 1999 Traffic Count)**

Segment	PM-PM	Total Lane	Terrain	Area Type	% of No Passing	Two Way Volume (ADT)	% of Heavy Vehicle	Design Speed	Peak Hour Volume	Lane Width	Shdr Width	Dir. Split.	% RV	LOS
E. Cahuenga-Jct. Rte. 395	98.72 / 100.96	2	F	Sub/Rur	100	8,800	5	60	880	12	8	55-45	1	D
Jct. Rte. 395-LA County Line	100.96 / 115.91	2	F	Sub/Rur	20	5,700	5	60	570	12	0	55-45	1	D
SR-38														
Jct. Rte. 10-Crafton Ave.	0.00 / 4.07	2	F	Suburb	60	11,800	5	60	1,330	12	8	55-45	1	E
Crafton Ave.-Two Lakes Rd.	4.07 / 25.38	2	M	Rural	60	3,650	5.0	60	380	12	10	55-45	1	D
Two Lakes Rd.-Santa Ana Br.	25.38 / 30.86	2	M	Rural	60	1,900	5.0	60	350	13	0	60-40	1	D
Santa Ana Br. -Jct. Rte. 18	30.86 / 49.52	2	M	Rural	60	7,000	5.0	60	935	13	0	60-40	1	E
Jct. Rte. 18-Big Bear Dam.	49.52 / 59.40	2	R	Suburb	40	10,250	8.0	50	850	10	1	60-40	1	E
SR-58														
County Line-Jct. Rte. 395	R0.00 / 5.40	2	F	Rural	20	12,500	15	60	1,000	12	5	55-45	1	D
Jct. Rte. 395-Lynwood Rd.	5.40 / R30.39	2	F	Rural	20	6,450	15	60	1,015	12	5	55-45	1	D
SR-71 (Now a Freeway)														
County Line-Soquel Canyon	0.00 /R4.89	6	R	Rural	0	37,000	5	60	2,850	12	0	55-45	1	C
Soquel Canyon-Jct. Rte. 83	R4.89/ 8.08	4	R	Rural	0	35,300	5	60	2,720	12	8	55-45	1	C
SR-95														
County Line-Havasu Lake Rd.	0.00 / 37.30	2	F	Rural	20	2,500	9.0	60	240	11	0	55-45	1	B
Havasu Lake Rd.-Jct. Rte. 40 E.	37.30 / 57.27	2	R	Rural	40	2,700	9	60	345	11	0	55-45	1	C
Jct. Rte. 40 E.-Nevada State Line	57.27 / 80.45	2	R	Rural	40	2,800	8	60	240	12	0	55-45	1	C
SR-127														

San Bernardino County CMP, 2001 Update

**Year 2000 San Bernardino County Two Lane and Multilane Highway LOS
(Based on 1999 Traffic Count)**

Segment	PM-PM	Total Lane	Terrain	Area Type	% of No Passing	Two Way Volume (ADT)	% of Heavy Vehicle	Design Speed	Peak Hour Volume	Lane Width	Shdr Width	Dir. Split.	% RV	LOS
Jct. Rte. 15-Saratoga Spring Rd.	0.00 / 29.71	2	R	Rural	40	950	5	60	190	12	0	55-45	1	B
SR-138														
County Line-Jct. Rte. 15	0.00 / R15.23	2	M	Rural	60	12,900	7.0	50	1,240	11	5	55-45	1	E
Jct. Rte. 15-Cleghorn Cyn. Rd.	R15.23 / R26.48	2	M	Rural	60	1,700	5	50	280	12	0	55-45	1	D
Cleghorn Cyn. Rd.-Waters Dr.	R26.48 / 35.74	2	M	Rural	60	1,140	5	50	150	12	8	60-40	1	C
Waters Dr.-Knapps Cutoff	35.74 / 36.27	2	R	Suburb	40	6,000	5	50	700	10	0	60-40	1	E
Knapps Cutoff-Jct. Rte.18	36.27 / R37.85	2	M	Suburb	40	7,000	5	50	570	11	0	60-40	1	E
SR-173														
Jt. Rte. 138-Arrowhead Lake Rd.	0.00 / L6.99	2	M	Rural	60	1,200	5.0	45	190	12	0	55-45	2	C
Arrowhead Lake Rd.-Hood Creek Rd.	L6.99 / 19.78	2	M	Rural	60	1,130	3.0	45	150	12	0	55-45	2	B
Hook Creek Rd.-Jct. Rte. 18	19.78 / 23.04	2	M	Suburb	60	5,320	3.0	45	700	12	0	55-45	2	E
SR189														
Jct. Rte. 18-Jct. Rte. 173	0.00 / 5.56	2	M	Suburb	60	4,720	3.0	40	510	12	2	55-45	2	D
SR247														
Jct. Rte. 62-Camp Rock Rd.	0.00 / 39.60	2	M	Rural	40	5,600	5.0	60	470	12	2	55-45	1	D
Camp Rock Rd.-Barstow City Limits	39.60 / 76.42	2	R	Suburb	20	2,050	8	60	220	12	8	55-45	1	B
Barstow City Limits-Jct. Rte. 15	76.42 / 78.10	4	R	Rural	60	16,200	3	50	1,550	12	2	55-45	4	B
SR-330														

San Bernardino County CMP, 2001 Update

Year 2000 San Bernardino County Two Lane and Multilane Highway LOS
(Based on 1999 Traffic Count)

Segment	PM-PM	Total Lane	Terrain	Area Type	% of No Passing	Two Way Volume (ADT)	% of Heavy Vehicle	Design Speed	Peak Hour Volume	Lane Width	Shder Width	Dir. Split.	% RV	LOS
Jct. Rte. 30-Jct. Rte. 18	28.70 / 44.12	2-4	M	Rural	60	11,000	4.0	60	1,300	12	2	60-40	1	E
SR-395														
Jct. Rte. 15-Jct. Rte 18	R3.98 / 11.18	2	R	Rural	40	13,500	17.7	55	1,200	12	6	55-45	1	E
Jct. Rte.18-El Mirage Rd.	11.18 / 17.77	2	R	Rural	40	14,150	17.5	60	1,170	12	8	55-45	1	E
El Mirage Rd.-County Line	17.77 / 73.52	2	R	Rural	40	5,900	16.0	60	510	12	6	55-45	1	C